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Public Document No. 36

The Commonwealth of Massachusetts.

TWENTY-FOURTH ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1909.

By the
Director of the Bureau of Statistics.

Mass.; Bureau of statistics

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The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

Substituted for copy of Feb 7, 1912

PUBLICATIONS.

Annual Report on the Statistics of Labor (Pub. Doc. 15).
Annual Report on the Statistics of Manufactures (Pub. Doc. 36).
Annual Report on the Comparative Financial Statistics of Cities and Towns (Pub. Doc. 79).
Annual Report on the State Free Employment Offices (Pub. Doc. 80).
The Labor Bulletin (embracing statistical and other information relating to economic conditions in the Commonwealth. Issued occasionally).
The Decennial Census of the Commonwealth.
The results of the Census of 1905 are embodied in four volumes: — Volume I, Population and Social Statistics; Volume II, Occupations and Defective and Delinquent Classes; Volume III, Manufactures and Trade; Volume IV, Agriculture.

EXTRACTS FROM CHAPTER 371 OF THE ACTS OF 1909 ENTITLED "AN ACT TO PROVIDE FOR A BUREAU OF STATISTICS."

SECTION 1. There shall be a bureau of statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the decennial census of the commonwealth required by the constitution and present the results thereof in such manner as the general court may determine.

. . . . . .

SECTION 4. The director of the said bureau is authorized to prepare a schedule or blank form for the collection of such data as may be, in his judgment, desirable for the proper presentation of statistics of manufactures and the promotion of the industrial welfare of the commonwealth, and the said schedule, unless modified by the director, shall embody inquiries as to, —

(1) Name of person, partnership or corporation.
(2) Kind of goods manufactured or business done.
(3) Number of partners or stockholders.
(4) Capital invested.
(5) Principal stock or raw material used, and total value thereof.
(6) Gross quantity and value of articles manufactured.
(7) Average number of persons employed, distinguishing as to sex, adults, and children.
(8) Smallest number of persons employed, and in what month.
(9) Largest number of persons employed, and in what month.
(10) Total wages, not including salaries of managers, paid during the year, distinguishing as to sex, adults, and children.
(11) Proportion that the business of the year bore to the greatest capacity for production of the establishment.
(12) Number of weeks in operation during the year, part time being reduced to full time.

The said schedule shall be sent by mail annually, on or before the fifteenth day of December, to the owner, operator, or manager of every manufacturing establishment in the commonwealth, and such owner, operator, or manager, or any other person to whom the schedule or blank form is sent shall answer the inquiries thereon and return the same to the bureau properly certified as to its accuracy, not later than the following twentieth day of January: *provided, however*, that the director may, in his discretion, extend the time for returning the schedule beyond said twentieth day of January.

APPROVED BY THE STATE BOARD OF PUBLICATION.

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Statistics of Manufactures—1909.

INTRODUCTION.

The 24th Annual Report on Massachusetts Manufactures is based upon the returns of the United States quinquennial census of manufactures gathered in 1910 as of the calendar year 1909, and for that reason is more complete than have been similar reports compiled by the Bureau of Statistics for the intercensal years.

The tabulations of the Federal Bureau of the Census for the industries of the country indicate that Massachusetts still maintains her relative rank of the preceding census among the great manufacturing states of the Union, namely, fourth, — New York ranking first, Pennsylvania, second, and Illinois, third. In all branches of the textile industry combined Massachusetts ranks first and it ranks first in each of the following branches of the industry: Cotton goods, including Cotton small wares; Woolen, worsted, and felt goods, and wool hats; Cordage and twine and jute and linen goods. In the manufacture of Boots and shoes, Boot and shoe cut stock, and Boot and shoe findings, this Commonwealth also continues to rank first among the states, as she does for all of these branches of the general boot and shoe industry combined. In five years the value of the manufactures product of Massachusetts has increased 32½ per cent, or from $1,124,092,051 to $1,490,529,386; in 14 years, that is, since the Census of 1895, when it was $734,652,132, it has more than doubled, the increase being nearly 103 per cent. The average number of wage-earners in the manufacturing industries increased between the Censuses of 1904 and 1909 from 488,399 to 584,559, or over 19½ per cent, while the increase in 14 years was nearly 53 per cent; the amount paid in wages increased between 1904 and 1909 from $232,388,946 to $301,-

173,464, or a little over 29½ per cent, the increase for the 14-year period being a little over 80½ per cent.

The product value of the leading industries of the state for the Censuses of 1904 and 1909, with the percentage of increase shown by each, is given below: —

Industries.	1904	1909	Per Cent of Increase, 1909 over 1904
Boots and shoes, exclusive of cut stock and findings.	$144,291,426	$187,045,767	29.6
Cotton goods, including cotton small wares,	130,068,982	186,462,313	43.4
Woolen, worsted, and felt goods, and wool hats,	99,898,601	141,966,882	42.1
Foundry and machine-shop products,[1]	63,750,411	86,925,671	36.4
Printing and publishing,[2]	39,274,014	47,445,006	20.8
Slaughtering and meat packing,[3]	38,012,208	44,402,972	16.8
Paper and wood pulp,	32,012,247	40,096,713	25.3
Leather, tanned, curried, and finished,	33,352,999	40,002,079	19.9
Boot and shoe cut stock,	21,567,092	32,650,989	51.4
Electrical machinery, apparatus, and supplies,	15,882,216	28,142,889	77.2
Bread and other bakery products,	18,659,703	26,146,044	40.1
Dyeing and finishing textiles,	11,048,512	21,892,890	98.2
Boots and shoes, rubber	39,034,549	18,722,363	–[4]
Clothing, men's, including shirts,	14,912,917	18,313,783	22.8
Boot and shoe findings,	7,821,110	16,646,159	112.8
Confectionery,	9,317,996	15,266,453	63.8
Jewelry,	10,073,595	15,210,738	51.0
Hosiery and knit goods, including hand knit goods,	10,094,897	14,736,025	46.0
Furniture and refrigerators,	11,359,678	13,867,548	22.1
Iron and steel, steel works and rolling mills,	11,947,731	13,567,628	13.6
Carpets and rugs, other than rag,	9,713,978	12,811,981	31.9
Liquors, malt	11,080,944	12,723,730	14.8
Clothing, women's	8,696,044	11,727,980	34.9
Automobiles, including bodies and parts,	2,662,505	11,359,224	326.6
Gas, illuminating and heating,	8,036,013	11,074,354	37.8
All other industries,	321,521,683	421,321,205	31.0
Total,	$1,124,092,051	$1,490,529,386	32.6

[1] In accordance with the latest grouping of the Census Office, the line *Foundry and Machine-Shop Products* includes the following: Foundry and machine shop products; gas machines and gas and water meters; hardware hardware, saddlery; plumbers' supplies; steam fittings and heating apparatus; structural ironwork.

[2] The line *Printing and Publishing* embraces the following: Bookbinding and blank book making; engraving, steel and copper plate, including plate printing; lithographing; printing and publishing, book and job; printing and publishing, music; printing and publishing, newspapers and periodicals.

[3] Including sausage.

[4] 52 per cent decrease.

As before stated, the 14-year period, 1895–1909,[1] has seen the *value of product* of Massachusetts manufactures more than double itself, the increase being from somewhat less than $735,000,000 to nearly one and one-half billions, or 102.9 per cent. The figures by census years are as follows: —

Census Year.	Value of Product	Increase	Per Cent of Increase
1895,	$734,652,132	–	–
1899,	907,626,439	$172,974,307	23.5
1904,	1,124,092,051	216,465,612	23.8
1909,	1,490,529,386	366,437,335	32.6
Increase for the 14-year period,	–	755,877,254	102.9

It thus appears that while the rate of increase in the five-year period 1899–1904 was less than one per cent greater than for the preceding census period, which was one of four years only, the rate of increase for the five-year period ending with 1909, was accelerated by 8.8 per cent. That the growth of Massachusetts manufactures, measured by product value, has more than kept pace with the increase of population during this period is shown by the following: —

Census Year.	Population	Increase	Per Cent of Increase
1895,	2,500,183	–	–
1900,	2,805,346	305,163	12.2
1905,	3,003,680	198,334	7.1
1910,	3,366,416	362,736	12.1
Increase for the 15-year period,	–	866,233	34.6

It thus appears that while our population increased in the period 1905–1910 at the rate of 12.1 per cent as against an increase in the preceding five-year period of only 7.1 per cent, the value of our manufactured output increased in the last five years 32.6 per cent as against an increase of 23.8 during the preceding five-year period. In other words, not only has our

[1] It would not be practicable, except in a very rough way, to carry these comparisons beyond the three preceding quinquennial censuses, because of changes in classification and census method made in the meantime.

industrial growth been absolutely more rapid than our growth in population during the last five-year period, but its *rate* of growth has been increasing over the rate of the population increase, for while the rate of increase in the latter increased by five per cent, the rate of increase in manufacturing increased by nearly nine per cent.

The importance of manufactures in urban communities is indicated by the fact that of the total value of nearly one and one-half billions for the State, $1,236,269,442, or 82.9 per cent, was produced in cities and towns of 10,000 population or over.

During the same period, 1895–1909, the *value of stock and materials* used in manufactures has risen from $406,026,692 to $830,764,943, an increase of 104.6 per cent; the *amount paid in wages* has risen from $166,723,992 to $301,173,464, an increase of 80.6 per cent; the *average number of wage-earners* has risen from 382,563 to 584,559, an increase of 52.8 per cent; and the *number of establishments* has risen from 8,692 to 11,684, an increase of 34.4 per cent. The figures by census years are as follows: —

Census Year.	Value of Stock and Materials	Increase	Per Cent of Increase
1895,	$406,026,692	–	–
1899,	498,655,033	$92,628,341	22.8
1904,	626,410.431	127,755,398	25.6
1909,	830,764,943	204,354,512	32.6
Increase for the 14-year period,	–	424,738,251	104.6

Census Year.	Amount Paid in Wages	Increase	Per Cent of Increase
1895,	$166,723,992	–	–
1899,	195,278,276	$28,554,284	17.1
1904,	232,388,946	37,110,670	19.0
1909,	301,173,464	68,784,518	29.6
Increase for the 14-year period,	–	134,449,472	80.6

Census Year.	Average Number of Wage Earners	Increase	Per Cent of Increase
1895,	382,563	–	–
1899,	438,234	55,671	14.6
1904,	488,399	50,165	11.4
1909,	584,559	96,160	19.7
Increase for the 14-year period,	–	201,996	52.8

Census Year.	Number of Establishments	Increase	Per Cent of Increase
1895,	8,692	–	–
1899,	10,929	2,237	25.7
1904,	10,723	–[1]	–[1]
1909,	11,684	961	9.0
Increase for the 14-year period,	–	2,992	34.4

[1] 206 absolute and 1.9 per cent decrease.

The Principal Industries.

Six of the principal industries of Massachusetts, in all of which she holds high rank among the states of the Union, in the order of their importance measured by product value, are: 1. Boots and shoes; 2. Cotton goods; 3. Woolen, worsted, and felt goods, and wool hats; 4. Foundry and machine-shop products; 5. Paper and wood pulp; 6. Leather, tanned, curried, and finished. The term "Boots and shoes" is here used in its restricted sense as including only the making of boots and shoes. It does not include the cut stock and findings industries, the figures for which will be found separately given in the tabulations in the body of this report. The term "Cotton goods" is here used as including Cotton small wares; and for the purposes of the summary, the two industries "Woolen and Worsted goods" are consolidated and include also Felt goods and Wool hats. Below are given the principal data for these industries with comparisons for the census years [1]

[1] The census of Manufactures for 1895 was not begun until after the first of January, 1896, in order that the operations of the year 1895 might be fully covered. The census of Manufactures bearing date of 1900 was taken for the year ending June 1, 1900, except in the case of New York, Chicago, and Philadelphia, where the canvass was begun May 1, 1900; the canvasses for the next, two censuses were made in 1905 and 1910, respectively, as of the years ending December 31, 1904, and December 31, 1909.

1895, 1899, 1904, and 1909, with the exception of Foundry and machine-shop products, for which comparable statistics are not available because of numerous changes in classification.

Boots and shoes (exclusive of cut stock and findings). The value of product increased in the 14-year period, 1895–1909, from something over $104,000,000 to a little over $187,000,000, a gain of 78.9 per cent; the value of stock and materials used in manufactures increased from nearly $63,000,000 to a little over $114,000,000, a gain of 81.6 per cent; the amount paid in wages increased from somewhat more than $26,000,000 to nearly $42,000,000, a gain of 60.2 per cent; the average number of wage-earners increased from 54,056 to 74,710, a gain of 38.2 per cent. The figures by census years for this industry are as follows:

(a) *Product.*

Census Year.	Value	Increase	Per Cent of Increase
1895,	$104,576,501	–	–
1899,	117,115,243	$12,538,742	12.0
1904,	144,291,426	27,176,183	23.2
1909,	187,045,767	42,754,341	29.6
Increase for the 14-year period,	–	82,469,266	78.9

(b) *Stock and Materials.*

1895,	$62,940,538	–	–
1899,	75,751,964	$12,811,426	20.4
1904,	88,493,009	12,741,045	16 8
1909,	114,277,189	25,784,180	29 1
Increase for the 14-year period,	–	51,336,651	81.6

(c) *Wages Paid.*

1895,	$26,196,644	–	–
1899,	27,745,820	$1,549,176	5.9
1904,	33,160,667	5,414,847	19.5
1909,	41,970,498	8,809,831	26.6
Increase for the 14-year period,	–	15,773,854	60.2

(d) *Wage-Earners.*

Census Year.	Number	Increase	Per Cent of Increase
1895,	54,056	–	–
1899,	58,645	4,589	8.5
1904,	62,633	3,988	6.8
1909,	74,710	12,077	19.3
Increase for the 14-year period,	–	20,654	38.2

Cotton goods (including Cotton small wares). The value of product increased in the 14-year period, 1895–1909, from a little over $92,000,000 to over $186,000,000, a gain of 101.9 per cent; the value of stock and materials used in manufactures increased from over $47,000,000 to over $105,000,000, a gain of 121.4 per cent; the amount paid in wages increased from about $27,000,000 to a little over $45,000,000, a gain of 64.8 per cent; and the average number of wage-earners increased from 82,855 to 108,914, a gain of 31.5 per cent. The figures by census years for this industry are as follows:

(a) *Product.*

Census Year.	Value	Increase	Per Cent of Increase
1895,	$92,345,983	–	–
1899,	111,125,175	$18,779,192	20.3
1904,	130,068,982	18,943,807	17.0
1909,	186,462,313	56,393,331	43.4
Increase for the 14-year period,	–	94,116,330	101.9

(b) *Stock and Materials.*

1895,	$47,497,934	–	–
1899,	54,389,045	$6,891,111	14.5
1904,	80,267,952	25,878,907	47.6
1909,	105,156,794	24,888,842	31.0
Increase for the 14-year period,	–	57,658,860	121.4

(c) *Wages Paid.*

1895,	$27,369,337	–	–
1899,	32,478,697	$5,109,360	18.7
1904,	32,555,017	76,320	0.2
1909,	45,117,069	12,562,052	38.6
Increase for the 14-year period,	–	17,747,732	64.8

(d) *Wage-Earners.*

Census Year.	Number	Increase	Per Cent of Increase
1895,	82,855	–	–
1899,	92,515	9,660	11.7
1904,	88,640	3,875[1]	4.2[1]
1909,	108,914	20,274	22.9
Increase for the 14-year period,	–	26,059	31.5

[1] Decrease.

Woolen and worsted goods (including Felt goods and Wool hats). The value of product increased in the 14-year period, 1895–1909, from somewhat over $54,000,000 to approximately $142,000,000, a gain of 161.8 per cent; the value of stock and materials used in manufactures increased from over $32,000,000 to approximately $88,000,000, a gain of 170.3 per cent; the amount paid in wages increased from considerably over $12,000,000 to more than $24,000,000, a gain of 94.6 per cent; and the average number of wage-earners increased from 34,421 to 53,873, a gain of 56.5 per cent. The figures by census years for this industry are as follows:

(a) *Product.*

Census Year.	Value	Increase	Per Cent of Increase
1895,	$54,236,708	–	–
1899,	74,075,300	$19,838,592	36.6
1904,	99,898,601	25,823,301	34.9
1909,	141,966,882	42,068,281	42.1
Increase for the 14-year period,	–	87,730,174	161.8

(b) *Stock and Materials.*

1895,	$32,550,925	–	–
1899,	45,130,236	$12,579,311	38.6
1904,	63,082,030	17,951,794	39.8
1909,	87,976,331	24,894,301	39.5
Increase for the 14-year period,	–	55,425,406	170.3

(c) *Wages Paid.*

1895,	$12,638,703	–	–
1899,	14,337,560	$1,698,857	13.4
1904,	18,288,137	3,950,577	27.6
1909,	24,592,763	6,304,626	34.5
Increase for the 14-year period,	–	11,954,060	94.6

(d) *Wage-Earners.*

Census Year.	Number	Increase	Per Cent of Increase
1895,	34,421	–	–
1899,	37,589	3,168	9.2
1904,	44,397	6,808	18.1
1909,	53,873	9,476	21.3
Increase for the 14-year period,	–	19,452	56.5

Paper and wood pulp. The value of product increased in the 14-year period, 1895–1909, from somewhat under $23,000,000 to over $40,000,000, a gain of nearly 76 per cent; the value of stock and materials used in manufactures increased from nearly $14,000,000 to upwards of $22,000,000, a gain of 61.4 per cent; the amount paid in wages increased from a little over $4,000,000 to considerably over $6,000,000, a gain of about 60 per cent; and the average number of wage-earners increased from 9,760 to 12,848, or a gain of 31.6 per cent. The figures by census years for this industry are as follows:

(a) *Product.*

Census Year.	Value	Increase	Per Cent of Increase
1895,	$22,789,053	–	–
1899,	22,141,461	$647,592[1]	2.8[1]
1904,	32,012,247	9,870,786	44.6
1909,	40,096,713	8,084,466	25.3
Increase for the 14-year period,	–	17,307,660	75.9

(b) *Stock and Materials.*

1895,	$13,849.426	–	–
1899,	11,918,802	$1,930,624[1]	13.9[1]
1904,	17,946,726	6,027,924	50.6
1909,	22,349,613	4,402,887	24.5
Increase for the 14-year period,	–	8,500,187	61.4

(c) *Wages Paid.*

1895,	$4,086,941	–	–
1899,	3,938,400	$148,541[1]	3.6[1]
1904,	5,587,862	1,649,462	41.9
1909,	6,541,636	953,774	17.1
Increase for the 14-year period,	–	2,454,695	60.1

(d) *Wage-Earners.*

Census Year.	Number	Increase	Per Cent of Increase
1895,	9,760	–	–
1899,	9,061	699[1]	7.2[1]
1904,	11,705	2,644	29.2
1909,	12,848	1,143	9.8
Increase for the 14-year period,	–	3,088	31.6

[1] Decrease.

Leather, tanned, curried, and finished. The value of product increased in the 14-year period, 1895–1909, from a little over $23,000,000 to over $40,000,000, a gain of over 73 per cent; the value of stock and materials used in manufactures increased from somewhat more than $16,000,000 to nearly $29,000,000, a gain of about 75 per cent; the amount paid in wages increased from over $3,000,000 to over $5,000,000, a gain of 57.9 per cent; and the average number of wage-earners increased from 7,176 to 10,252, a gain of 42.9 per cent. The figures by census years for this industry are as follows:

(a) *Product.*

Census Year.	Value	Increase	Per Cent of Increase
1895,	$23.068,400	–	–
1899,	26,067,714	$2,999,314	13.0
1904,	33,352,999	7,285,285	27.9
1909,	40,002,079	6,649,080	19.9
Increase for the 14-year period,	–	16,933,679	73.4

(b) *Stock and Materials.*

1895,	$16,489,120	–	–
1899,	19,793,757	$3,304,637	20.0
1904,	23,040,897	3,247,140	16.4
1909,	28,765,508	5,724,611	24.8
Increase for the 14-year period,	–	12,276,388	74.5

(c) *Wages Paid.*

1895,	$3,447,701	–	–
1899,	3,379,698	$68,093[1]	2.0[1]
1904,	4,556,327	1,176,629	34.8
1909,	5,443,944	887,617	19.5
Increase for the 14-year period,	–	1,996,243	57.9

(d) *Wage-Earners.*

Census Year.	Number	Increase	Per Cent of Increase
1895,	7,176	–	–
1899,	7,010	166[1]	2.3[1]
1904,	9,074	2,064	29.4
1909,	10,252	1,178	13.0
Increase for the 14-year period,	–	3,076	42.9

[1] Decrease.

The number of establishments in the boot and shoe industry reporting for 1895 was 759 and the number has been decreasing at each census to 469 in 1909; the number of establishments in the woolen and worsted goods industry was 190 in 1895 and 183 in 1909; the number of establishments in the paper and wood pulp industry was 112 in 1895 and 88 in 1909; the number of establishments in the leather, tanned, curried, and finished industry in 1895 was 162 and in 1909, 132. These decreases in the number of establishments, notwithstanding the growth of the industries for all other data reported, indicate the lack of significance, as bearing upon the condition of an industry, of the number of establishments, except as such comparisons reflect the tendency to consolidate and the growth of individual plants. In the cotton goods industry, only, of the principal industries previously mentioned has there been an actual increase in the number of establishments since 1895 when 178 were reported, the number for 1909 being 182.

The greatest percentages of gain in the two principal industries, Boots and shoes and Cotton goods, have been made in the last half decade, and the increase for Cotton goods is relatively greater than for Boots and shoes. The marginal difference in the value of the output of the boot and shoe factories and that of the cotton mills has been growing narrower since 1895, the year 1904 excepted, and it is highly probable that at the end of the next half decade, Cotton goods, measured by value of product, will hold the first place in Massachusetts industries. The output of the boot and shoe factories formed 14.2 per cent of the State total in 1895, but only 12.5 per cent of the State total in 1909, while the value of the product in the cotton goods industry formed something over 12½ per cent of the total output of the State at both periods, and even in 1904, when there was a protracted strike in the industry, there was only a fractional change in the proportion.

Since the beginning of the factory system in Massachusetts, these two industries, Boots and shoes and Cotton goods, have dominated the field, but in 1909 we have a third industry to pass the $100,000.000 mark, namely, Worsted goods, with an output for that year amounting to $106,099,221, and with the

woolen branch of the industry, including felt goods and wool hats, the total value of product was increased to $141,966,882. The percentages of gain for successive census periods for this industry have been 36.6, 34.9, and 42.1, respectively, or the phenomenal gain of 161.8 per cent for a period of 14 years, the product rising from $54,236,708 in 1895 to $141,966,882 in 1909. The totals for Paper and wood pulp and for Leather, tanned, curried, and finished, were very similar in 1895, $22,789,053, and $23,068,400, respectively, and in 1909 both industries exhibit an output of something over $40,000,000.

Among other important industries may be mentioned those of Slaughtering and meat packing, including sausage, which together exhibited a product value of $44,402,972 in 1909; Men's clothing, including shirts, $18,313,783, and Women's clothing, $11,727,980; Rubber boots and shoes and other Rubber goods, $18,722,363 and $15,796,490, respectively; Confectionery, $15,266,453; Jewelry, $15,210,738; the industry Electrical machinery, apparatus, and supplies, whose product value shows more than four-fold increase in 14 years, rising from $5,797,743 in 1895 to $28,142,889 in 1909; and the automobile industry (including the manufacture of bodies and parts), the product value of which was practically a negligible quantity in Massachusetts as recently as the Census of 1900, but which from a product value of $2,662,505 in 1904 increased to $11,359,224 in 1909, or nearly 327 per cent in five years.

The following table brings together the salient features concerning the manufactures of the State for the census years 1899, 1904, and 1909, with percentages.

Summary.

	1899	1904	1909	Per Cent of Increase 1899–1904	Per Cent of Increase 1904–1909
Number of establishments,	10,929	10,723	11,684	1.9[1]	9.0
Persons engaged in Manufacture: —					
1. Proprietors and firm members,	–[2]	11,258	11,194	–	0.6[1]
2. Salaried employees: —					
(a) Officers of corporations,	–[2]	–[2]	4,615	–[2]	–[2]
(b) Superintendents and managers,	–[2]	–[2]	8,176	–[2]	–[2]
(c) Clerks,	–[2]	–[2]	35,855	–[2]	–[2]
Total salaried employees,	25,256	32,824	48,646	30.0	48.2
3. Wage-earners (average number),	438,234	488,399	584,559	11.4	19.7
Total number of persons engaged in manufacture,	–[2]	532,481	644,399	–[2]	21.0
Primary Horsepower,	796,061	938,007	1,175,071	17.8	25.3
Capital,	$781,868,000	$965,949,000	$1,279,687,000	23.5	32.5
Expenses: —					
1. Salaries,	$29,480,000	$39,655,000	$63,279,000	34.5	59.6
2. Wages,	195,278,000	232,389,000	301,173,000	19.0	29.6
3. Materials,	498,655,000	626,419,000	830,765,000	25.6	32.6
4. Miscellaneous,	62,392,000	93,840,000	125,649,000	50.4	33.9
Total expenses,	$785,805,000	$992,294,000	$1,320,866,000	26.3	33.1
Value of Products,	$907,626,000	$1,124,092,000	$1,490,529,000	23.8	32.6
Value added by Manufacture (i.e. value of products less cost of materials),	$408,971,000	$497,682,000	$659,764,000	21.7	32.6

[1] Decrease.

[2] Comparable figures not available.

The percentage distribution of all persons engaged in manufactures among proprietors and officials, clerks, and wage-earners is shown for all industries and for certain selected industries in Table IV on page 105. The following table shows for 1909, as furnished by the Census office, the distribution by sex of all persons engaged in manufactures, and for the principal classes, and also the number of wage-earners by sex 16 years of age and over, and under 16:

Class.	Persons Engaged in Manufactures		
	Total	Male	Female
All classes,	644,399	447,268	197,131
Proprietors and officials,	23,985	23,181	804
Proprietors and firm members,	11,194	10,695	499
Salaried officers of corporations,	4,615	4,481	134
Superintendents and managers,	8,176	8,005	171
Clerks,	35,855	22,914	12,941
Wage-earners (average number),	584,559	401,173	183,386
16 years of age and over,	563,071	389,927	173,144
Under 16 years of age,	21,488	11,246	10,242

The kinds of power and fuel that may be used to the best advantage in manufacturing are matters of vital importance and the data obtained in the recent census upon these points should prove of great interest and significance. On page 110 (Table VI) is shown a classification of power and on page 111 (Table VII) a presentation of the amounts of different kinds of fuel used for manufacturing in certain selected industries. Another suggestive presentation is that given on page 106 (Table V) showing for all industries and for certain selected industries the character of ownership, *i.e.*, whether by individuals, firms, or corporations, and the value added by manufacture.[1]

[1] These tables cover a class of data not presented in the annual reports of this Bureau for the non-census years, and for the opportunity of presenting them herein we are indebted to the courtesy of the Bureau of the Census, Washington.

The Cities as Manufacturing Centers.

Boston, the chief center of population and industrial activity, shows an increase in the value of her manufactured product of 82.1 per cent in 14 years, and her growth in the last half decade in this respect, 28.8 per cent, has been greater than at either of the preceding census periods. It is, perhaps, somewhat surprising, considering her development as a commercial and financial center in recent years, and her limited space for factory sites, that she should still show marked progress in manufacturing industries, and yet there has been less than two (1.8) per cent decrease in her proportion of the State total in 14 years. There is no strong localization of industry, but the range is over a wide field of miscellaneous manufactures, among which may be mentioned Boot and shoe cut stock, Clothing, Confectionery, Foundry and machine-shop products, and Printing and publishing. Her product value, $237,457,472 in 1909, was nearly three times that of Lawrence which held second place in that year.

Lawrence, in 1895 the seventh in industrial importance, measured by value of product, rose to second place in 1909, the product value increasing from $26,389,131 to $79,992,668, a gain of 203.1 per cent, and the principal industry being the manufacture of worsted goods. The city of *Worcester* has more than doubled her product in 14 years, $77,147,884 in 1909, progress being principally due to the expansion of her iron and steel industries and the output of her machine shops. The percentage of increase was 121.9. The city of *Lynn,* somewhat below Worcester in product value, $71,503,140 in 1909, showed a similar percentage of gain during the fourteen-year period (125.4). This city is a well-known center for the manufacture of women's boots and shoes.

The cities which specialize in the manufacture of cotton goods are next in importance, *Fall River, Lowell,* and *New Bedford,* and of these the greatest development is shown by the last named city, the percentages of gain in 14 years for these three cities being respectively, 98.5, 64.5, and 185.7. *Brockton* exhibits a gain of 124.7 per cent; *Cambridge,* 29.1; *Chicopee* and *Springfield,* active in developing the automobile industry

in Massachusetts, show percentages of increase of 206 and 128.6, respectively.

Holyoke has been developing manufactures in the textiles — cotton, worsted, and silk, — although the figures may not be presented without disclosing the operations of individual establishments. The manufacture of paper is still the principal industry of the city but the output of the paper mills exhibits no marked increase in the last five years, $10,620,255 in 1904 and $12,304,800 in 1909, a gain of 15.9 per cent. Notwithstanding the tendency of paper manufacturing dependent upon wood pulp to locate nearer the sources of supply for the raw materials, Holyoke will continue to manufacture high-grade paper, of which rags are a chief component material. The increase for the city as a whole, since 1895, was 93.2 per cent, and of the three census periods, the greatest progress was made in 1909 over 1904, 30.5 per cent.

The gain in *Somerville* amounted to 174.1 per cent in 14 years, due to the increase in the output of the slaughtering and meat packing industries; *Pittsfield* made rapid strides in the manufacture of electrical machinery, apparatus, and supplies, increasing her product value 77.4 per cent in the five years, 1904–1909, and 187.6 per cent in 14 years. The gain in *Quincy* from three to ten millions of dollars between 1895 and 1909 is due to the introduction there of the iron and steel ship industry. *Everett,* showing the largest percentage of increase for the 14-year period, though with smaller product value, has developed in the manufacture of chemicals and coke. *Melrose* is the only city which, for the fourteen-year period, exhibits absolute decrease in product value, the loss amounting to 1.2 per cent. The output of the factories in the city of *Woburn* remained almost stationary, $5,286,639 in 1895 and $5,408,081 in 1909, a gain of only 2.3 per cent.

A comparative table for the cities for the 14 years with percentages of increase is here given; the industries in detail for 1909 are presented on pages 14–35.

THE 33 CITIES.

[Arranged in order of Product Value in 1909.]

Cities.	Value of Product.				Per Cent of Increase			
	1895	1899	1904	1909	1899 over 1895	1904 over 1899	1909 over 1904	1909 over 1895
The State.	**$734,652,132**	**$907,626,439**	**$1,124,092,051**	**$1,490,529,386**	**23.5**	**23.8**	**32.6**	**102.9**
Boston,	130,423,010	162,764,523	184,351,163	237,457,472	24.8	13.3	28.8	82.1
Lawrence,	26,389,131	41,741,980	48,036,593	79,992,668	58.2	15.1	66.5	203.1
Worcester,	34,771,192	46,793,372	52,144,965	77,147,884	34.6	11.4	47.9	121.9
Lynn,	31,720,744	39,347,493	55,003,023	71,503,140	24.0	39.8	30.0	125.4
Fall River,	32,320,351	39,102,710	43,473,105	64,145,726	21.0	11.2	47.6	98.5
Lowell,	36,645,119	41,202,984	46,879,212	60,270,961	12.4	13.8	28.6	64.5
New Bedford,	18,637,142	23,397,491	29,469,349	53,237,839	25.5	26.0	80.7	185.7
Brockton,	20,462,248	24,855,362	37,790,982	45,972,388	21.5	52.0	21.6	124.7
Cambridge,	34,246,041	29,092,103	42,407,064	44,227,395	15.0[1]	45.8	4.3	29.1
Holyoke,	20,751,478	24,092,610	30,731,332	40,097,224	16.1	27.6	30.5	93.2
Somerville,	14,113,045	20,064,519	22,955,197	38,686,527	42.2	14.4	68.5	174.1
Haverhill,	19,125,053	23,418,790	24,446,594	35,376,617	22.5	4.4	44.7	85.0
Springfield,	13,899,293	18,155,071	25,860,250	31,772,815	30.6	42.4	22.9	128.6
Fitchburg,	9,168,539	13,008,021	15,390,507	23,252,155	41.9	18.3	51.1	153.6
Chicopee,	6,280,298	5,388,930	7,715,653	19,219,166	14.2[1]	43.2	149.1	206.0
Chelsea,	8,140,290	9,518,700	13,879,159	17,002,492	16.9	45.8	22.5	108.9
Taunton,	9,199,890	11,544,150	13,644,586	15,379,821	25.5	18.2	12.7	67.2
Pittsfield,	5,289,984	5,753,546	8,577,358	15,215,202	8.8	49.1	77.4	187.6
Salem,	9,195,348	10,711,026	12,202,217	14,576,276	16.5	13.9	19.5	58.5
Quincy,	3,055,338	3,011,950	8,982,446	10,505,403	1.4[1]	198.2	17.0	243.8
Marlborough,	5,278,915	4,498,385	7,468,849	10,382,277	14.8[1]	66.0	39.0	96.7
North Adams,	8,831,551	10,741,495	8,035,705	10,314,847	21.6	25.2[1]	28.4	16.8
Everett,	1,390,976	4,437,180	6,135,650	8,746,923	219.0	38.3	42.6	528.8
Beverly,	3,006,588	3,781,498	4,101,168	8,652,547	25.8	8.5	111.0	187.8
Malden,	6,542,307	6,602,462	11,235,635	8,205,852	0.9	70.2	27.0[1]	25.4
Waltham,	4,199,361	5,889,792	7,149,697	7,814,178	40.3	21.4	9.3	86.1
Gloucester,	4,733,479	6,292,772	6,920,984	7,753,463	32.9	10.0	12.0	63.8
Northampton,	3,913,385	4,706,820	5,756,381	6,998,992	20.3	22.3	21.6	78.8
Newburyport,	4,732,423	5,149,554	6,809,979	6,931,049	8.6	32.5	1.8	46.5
Newton,	3,304,066	3,679,273	4,140,996	6,278,714	11.4	12.5	51.6	90.0
Woburn,	5,286,639	4,002,576	4,654,067	5,408,081	24.3[1]	16.3	16.2	2.3
Melrose,	2,857,582	3,416,240	9,450,929	2,824,669	19.6	176.6	70.1[1]	1.2[1]
Medford,	1,015,379	1,132,131	871,820	2,045,289	11.5	23.0[1]	134.6	101.4

[1] Decrease.

Metropolitan Boston.

A new feature in this report is the presentation of tabulations showing separately from the other municipalities of the State, the manufactures statistics for Metropolitan Boston classified by industries for the district as a whole and bringing together into one table the totals for all industries for each of the 40 cities and towns of the district (see pp. 36–45). The aggregates for the district are as follows:

Whole number of establishments,	5,025
Capital invested,	$397,666,698
Value of stock and materials used,	$284,354,062
Amount of wages paid during the year,	$93,125,349
Average number of wage-earners employed,	165,891
Value of product,	$510,583,337

The aggregate population of these municipalities constituted 42.3 per cent of the total population of the State, according to the latest census, and the aggregate value of product in 1909 for the factories located within this district was $510,583,337, or 34.3 per cent of the State total. Five years ago, the value of goods manufactured in this area was $418,903,402, and, in 1895, 14 years since, the product value was only $272,150.680, an increase being thus noted of 87.6 per cent for the entire period. The goods produced in the city of Boston represented nearly one-half of the total for the district, the percentage in 1909 being 46.5. In 1905, it was 44 per cent, and in 1895, 47.9 per cent.

The product value for the cities and towns of the district with percentages of increase from census to census is given in the accompanying table. The data for the smaller towns were not tabulated separately in the federal census of 1899, and the totals for that year are, therefore, not available.

METROPOLITAN BOSTON — 1895–1909.

[Arranged in order of Product Value in 1909.]

Cities and Towns.	Value of Product			Per Cent of Increase		
	1895	1904	1909	1904 over 1895 (9 Years)	1909 over 1904 (5 Years)	1909 over 1895 (14 Years)
Metropolitan Boston.	**$272,150,680**	**$418,903,402**	**$510,583,337**	**53.9**	**21.9**	**87.6**
Boston,	130,423,010	184,351,163	237,457,472	41.3	28.8	82.1
Lynn,	31,720,744	55,003,023	71,503,140	73.4	30.0	125.4
Cambridge,	34,246,041	42,407,064	44,227,395	23.8	4.3	29.1
Somerville,	14,113,045	22,955,197	38,686,527	62.7	68.5	174.1
Chelsea,	8,140,290	13,879,159	17,002,492	70.5	22.5	108.9
Watertown,	2,617,160	15,524,675	11,545,555	493.2	25.6[1]	341.1
Quincy,	3,055,338	8,982,446	10,505,403	194.0	17.0	243.8
Everett,	1,390,976	6,135,650	8,746,923	341.1	42.6	528.8
Malden,	6,542,307	11,235,635	8,205,852	71.7	27.0[1]	25.4
Waltham,	4,199,361	7,149,697	7,814,178	70.3	9.3	86.1
Hyde Park,	3,491,622	6,739,307	7,336,084	93.0	8.9	110.1
Weymouth,	4,732,718	4,921,955	6,627,168	4.0	34.6	40.0
Newton,	3,304,066	4,140,996	6,278,714	25.3	51.6	90.0
Wakefield,	2,795,892	4,807,728	5,527,102	77.7	15.0	104.3
Woburn,	5,286,639	4,654,067	5,408,081	12.0[1]	16.2	2.3
Winchester,	2,153,687	3,180,821	4,094,684	47.7	28.7	90.1
Braintree,	1,415,279	2,433,576	3,562,147	72.0	46.4	151.7
Stoneham,	2,228,886	2,948,031	3,247,645	32.3	10.2	45.7
Melrose,	2,857,582	9,450,929	2,824,669	230.7	70.1[1]	1.2[1]
Medford,	1,015,379	871,820	2,045,289	14.1[1]	134.6	101.4
Canton,	1,954,662	1,713,457	1,633,804	12.3[1]	4.6[1]	16.4[1]
Needham,	577,230	688,024	1,432,240	19.2	108.2	148.1
Arlington,	290,531	493,208	695,356	69.8	41.0	139.3
Dedham,	556,014	1,326,665	669,059	138.6	50.0[1]	20.3
Wellesley,	445,108	349,570	606,586	21.5[1]	73.5	36.3
Saugus,	638,377	408,057	590,799	36.1[1]	44.8	7.5[1]
Brookline,	1,064,107	732,845	532,303	31.1[1]	27.4[1]	50.0[1]
Milton,	216,975	399,135	413,457	42.5	33.7	90.6
Revere,	182,834	355,060	407,336	94.2	14.7	122.8
Lexington,	112,599	160,440	303,224	42.5	89.0	169.3
Hingham,	–[2]	–[2]	213,415	–	–	–
Belmont,	61,667	94,433	109,247	53.1	15.7	77.2
Winthrop,	39,675	23,516	42,168	40.7[1]	79.3	6.3
Swampscott,	65,537	75,203	35,276	14.7	53.1[1]	46.2[1]
Westwood,	–[2]	–[2]	7,106	–	–	–
Other towns,	305,342[4]	400,850[5]	245,441[6]	–	–	–

[1] Decrease. [2] Included in other towns. [3] Part of Dedham.

[4] Includes Dover, Weston, and Hingham. There were no manufacturing establishments in Cohasset, Hull, and Nahant.

[5] Includes Cohasset, Dover, Hingham, Hull, and Weston. There were no manufacturing establishments in Nahant.

[6] Includes Cohasset, Dover, Hull, Nahant, and Weston.

Employment: by Months.

For *All Industries*, the average number of wage-earners employed for the year was 584,559, and the month of maximum employment is shown to be December, when 612,615 persons were employed. The smallest number was employed in January, 565,750, or 96.8 per cent of the maximum. The largest average number of wage-earners for any industry was reported for *Cotton goods* (including Cotton small wares) 108,914. The employment in this industry was fairly uniform throughout the year, the month of highest employment being December, 110,781, and the variation from this maximum not reaching 4 per cent in any month. *Boots and shoes* (exclusive of cut stock and findings) exhibits the next highest employment, the average number of wage-earners for the year being 74,710, and the month of maximum employment being as in Cotton goods, December. Variations of unemployment in this industry range from nearly 4 per cent in February to 11 per cent in May. In *Woolen and Worsted goods* (including Felt goods and Wool hats), there was an average of 53,873 wage-earners employed, October being the month of maximum employment, and the month of January the minimum. Employment in this industry was somewhat less regular than in the cotton mills. The least continuous employment is found in the industries *Brick and tile*, and *Canning and preserving, fruits and vegetables*, due, of course, to the seasonal nature of the work. The detailed presentation for the industries will be found on pages 85–96.

Days in Operation.

The number of working days in 1909, exclusive of Sundays and holidays, was 305, although in a few industries, such as the manufacture of gas and the repairing of railroad cars, the running time for the year was in excess of this number. Of the principal industries, the establishments engaged in manufacturing *Cotton goods*, including Cotton small wares, exhibit the highest average running time, namely, 299 days. In *Electrical machinery, apparatus, and supplies*, the average running time was 295 days. The *Slaughtering and meat packing* (*wholesale*) establishments were operated 293 days, the

worsted mills, 291 days, as were also those in the single industry *Foundry and machine-shop products.* The group of industries in which the establishments were operated from 280 to 290 days includes *Jewelry,* 288 days; *Boots and shoes* (exclusive of cut stock and findings), 286 days; *Clothing, women's,* 285 days; *Paper and wood pulp* and those manufacturing *Confectionery,* 281 days; and *Hosiery and knit goods,* 280 days. The establishments in *Leather, tanned, curried, and finished,* exhibit an average running time for the year of 276 days. Industries showing a large proportion of idle time are *Brick and tile,* where the average for the year was only 163 days; *Lumber and timber products,* 162 days; *Oil, essential,* 148; *Vinegar and cider,* 119; and *Canning and preserving, fruits and vegetables,* 94 days.

The table showing average running time by cities and towns is given on pages 100 and 101. In a few of the small towns the average number of days for the year exceeded 300, notably *Westwood,* which exhibits a running time of 340 days, on account of the street railroad repair shops located there. In none of the cities, however, did the average running time reach 300 days. Establishments in *Somerville* were operated, on an average. 297 days; those of *Fall River* and *Beverly,* 295 days; *Lynn, Gloucester,* and *Newton,* 294 days; *Lawrence,* 293 days; and *Boston, Brockton, Cambridge, Fitchburg, Haverhill,* and *New Bedford,* 291 days. In the group exhibiting running time from 280 to 290 days, we find the cities of *Malden,* 288 days; *Worcester* and *Newburyport,* 287 days; *Springfield* and *Salem,* 286 days; *Waltham,* 282 days; and *Lowell,* 280 days. Many of the large manufacturing towns show high average running time and consequent continuous employment, principal among which may be mentioned *Attleborough* and *North Attleborough, Watertown, Leominster, Westfield, Weymouth,* and *Rockland.*

Comparisons between 1908 and 1909.

While for the year 1908 the Bureau of Statistics presented statistics for fewer establishments than were covered for the census year 1909, — gas manufacturing, printing and publishing, and a few other industries of less importance being omitted from the annual intercensal canvass, but included in the census

— the difference of $317,720,604 by which the returns of product value for 1909 ($1,490,529,386) exceed those for 1908 ($1,172,808,782) cannot be entirely attributed to the fact that the canvass in the census year was more complete than for the preceding year. An examination of the returns, by industries, in other words, indicates that a portion of the increase noted on the face of the figures is due to a return toward normal conditions from the disturbing influence of the financial depression which set in during the later months of 1907 and continued into the year 1908. For example, the returns for 1908 for certain well-defined factory industries, such as Boots and shoes; Cotton goods; Paper and wood pulp; Leather, tanned, curried, and finished; and Woolen and Worsted goods were as full and complete as those of 1909, and the figures are, therefore, directly comparable with those of the census.

Referring to the industries in detail, as given on pages 2–13, we find that the output from 469 establishments in 1909 in Boots and shoes was $187,045,767 as against a product value from 413 establishments in 1908 of $169,957,116, or a gain of 10.1 per cent. It does not, however, quite reach the total for this industry for 1907, when it amounted to $188,650,937. The cotton goods industry (including cotton small wares), turned out a product value of $186,462,313 in 1909 as against $156,048,533 in 1908, the gain amounting to 19.5 per cent. The product value in 1907, however, was $190,148,422. These totals are directly comparable with those for the census, since returns were received from all establishments in each year, 171 in 1907, 177 in 1908, and 182 in 1909.

For many years, Boots and shoes and Cotton goods have had the distinction of being the only industries whose product reached $100,000,000 in value, but they were joined, in 1909, by Worsted goods, in which the product value reached $106,099,221; and if the woolen branch of the industry, with felt goods and wool hats be included, a total product value in that year of $141,966,882 is shown. The value of goods manufactured in Woolen and Worsted goods (exclusive of felt goods and wool hats), in the United States in 1909 was approximately

$419,826,000, so that Massachusetts is the largest contributor to this industry among the states, her product in 1909 forming about 30 per cent of the total. The value of goods made in woolen and worsted mills, including the felt goods and wool hats, in Massachusetts in 1908 was $105,207,889, and the increase in 1909 over 1908 amounted to 34.9 per cent.

The next highest product value in any single industry, $71,966,704, is found in *Foundry and machine-shop products.* It falls thence to Paper and to Leather with products, in 1909, of $40,096,713 and $40,002,079, respectively. The two latter industries are directly comparable with the census because, like Boots and shoes and Cotton goods, returns from all establishments engaged in these industries were received in both years.

The product in the *Paper* industry rose from $32,087,321, in 1908, to $40,096,713, in 1909, or an increase of 25 per cent. This, however, is indicative rather of the depression in 1908 than of progress in 1909, since the product in this industry in 1907 was $42,707,680.

The value of product in the *Leather* industry in 1908, under the general depression of that year, was $41,613,182, and in 1909 a further decline to $40,002,079 is noted, the loss being easily assignable to the unsettled condition of the industry pending adjustment to the recent removal of the tariff.

The value of goods made in establishments manufacturing *Electrical machinery, apparatus, and supplies* in 1908 was $18,065,968, as against $28,142,889 in 1909, an increase of 55.8 per cent, and in *Automobiles* (including bodies and parts), the increase was from $6,464,566 in 1908 to $11,359,224 in 1909, a gain of 75.7 per cent. Other industries showing advance are those of *Slaughtering and meat packing, Clothing, Confectionery,* and *Jewelry.*

The total amount of capital invested in 11,684 establishments in 1909 was $1.279,686,558. The statistics for capital invested are not comparable with 1908, for, in that year, notes and bills receivable, value of finished goods on hand, and other miscellaneous items were not called for in the form of inquiry. They may be compared, however, with the returns of 1904 for which year the total amount of capital invested in all industries was

$965,948,887, an increase of 32.5 per cent in five years. The largest amount of capital invested is found in the textile industries, Cotton goods, including Cotton small wares, exhibiting $214,017,247 and Woolen and Worsted goods (including Felt goods and Wool hats) $133,955,422. Then follow Foundry and machine-shop products, $88,637,296, and Boots and shoes (exclusive of cut stock and findings) $72,726,061. The amount of capital invested in the manufacture of Paper was $42,523,682; in Leather, tanned, curried, and finished, $41,196,568; in Electrical machinery, apparatus, and supplies, $32,961,277, and in Liquors, malt, $20,288,248.

The total cost value of stock and materials used in 1909 amounted to $830,764,943. This figure includes not only the value of all materials forming component parts of the product, but also such items as fuel (and power), oil, mill supplies, containers, and other materials used or consumed in the various processes incidental to production. The cost of materials used was highest in the boot and shoe industry which, exclusive of cut stock and findings, amounted to $114,277,189; the cost value of stock in the cotton goods industry (including cotton small wares), was $105,156,794; Woolen and Worsted goods (including Felt goods and Wool hats) used stock and materials amounting to $87,976,331. These are the three highest, and no other industry approaches them in cost value of materials. In Leather, tanned, curried, and finished, the cost value of materials was $28,765,508; in Boot and shoe cut stock, $27,135,295; in Foundry and machine-shop products, $24,973,228; and in Paper and wood pulp, $22,349,613.

At the head of the list as regards the *average number of wage-earners*, we have Cotton goods (including Cotton small wares), 108,914. This is the only industry in the State which gives employment to 100,000 wage-earners. The boot and shoe industry (exclusive of cut stock and findings) next highest in this regard, employed an average of only 74,710 in 1909. It will, however, be remembered that the latter industry employs more men than women, the proportion being about two to one, while in Cotton goods, the proportions of the sexes are more nearly even. Other industries employing a large number of wage-earners are Woolen and Worsted goods (including Felt goods

and Wool hats), 53,873; the single industry Foundry and machine-shop products, 37,376; Electrical machinery, apparatus, and supplies, 14,507; Paper and wood pulp, 12,848; and Leather, tanned, curried, and finished, 10,252.

For total amount paid in wages during 1909, the order of the industries is as follows: Cotton goods (including Cotton small wares), $45,117,069; Boots and shoes (exclusive of cut stock and findings) $41,970,498; Woolen and Worsted goods (including Felt goods and Wool hats), $24,592,763; the single industry Foundry and machine-shop products, $22,877,356; Electrical machinery, apparatus, and supplies, $8,209,174; Paper and wood pulp, $6,541,636. Other industries in which large amounts were disbursed in wages were: Leather, tanned, curried, and finished, $5,443,944; Jewelry, $4,421,969; and Furniture, including refrigerators, $3,986,177.

Conclusion.

For the first time the annual report of this Bureau on the Statistics of Massachusetts Manufactures for a United States Census year embodies the returns for all establishments canvassed and they have also been tabulated upon the same basis as the Census. In 1905, when the Commonwealth took the last preceding manufactures census in conjunction with the federal census of manufactures, the Bureau compiled a volume of manufactures statistics independently of the United States Census Office differing materially from the latter's publication by reason of variations in classification between the two offices which had been of long standing, and the Massachusetts Bureau also issued for the same year another report on manufactures statistics which differed both from its own census report on manufactures and that of the United States. There were thus published for the census year three different presentations of data, but each compilation was made from a different point of view. Whatever might be said in behalf of these several compilations on their respective merits, the fact remained that they involved, not only a triplication of effort and labor, but of figures, notwithstanding the variations in the latter, and with the net result that they could not but have a confusing effect upon the public which no amount of laborious explanation could

satisfactorily remove. This condition seemed to me to be anomalous in the extreme and, indeed, not possible to justify.

Formerly the annual reports of this Bureau on our Massachusetts manufactures were confined to presentations each year of comparative statistics for such identical establishments as had made returns for two successive years, but since in the course of time the returns made each year had come to approximate 90 per cent of the completeness of the canvass made in the census years (and for the leading industries were quite as complete in the non-census as in the census years), I decided to present annually tabulations of all the returns made, whether the establishments reporting had reported in the preceding year or not. This new form of presentation was first adopted for our annual report for 1907. A readjustment of the Massachusetts classification scheme, in which there had long been important differences between this office and the Census Office at Washington, was next undertaken and as a result of conferences and correspondence, a revision of the card list of over 10,000 establishments was perfected, so that the classification of these establishments by industries as followed by the two departments has been, by mutual effort, substantially reconciled in all important respects.

By the provisions of the act "to provide for a Bureau of Statistics" (Chap. 371, Acts of 1909), the Director of this Bureau is formally authorized "to co-operate with the federal authorities in all respects possible and feasible, so far as is consistent with the interests of the Commonwealth, for the purpose of promoting economy and efficiency in the gathering, compilation, and publication of statistical matter." No argument is necessary in support of this proposition; the toleration of any other theory of conduct would be archaic and indefensible and that both parties to this policy have felt it to be of mutual advantage in the recent census, I feel confident.

But, notwithstanding the reciprocal benefits in the handling of details, accruing to the Census Office and this Bureau, it is to be borne in mind that the gathering of the data reflecting the condition of Massachusetts manufactures for the year covered by this report was an undertaking of the federal govern-

ment and that, while the Massachusetts Bureau performed a very considerable and technical task in checking up the schedules and supervising the field work, the greater part of the expense was borne by the United States and the actual tabulations of the returns were made at Washington. It is, therefore, both a pleasure and a duty to record here my appreciation of the courtesy and willing spirit with which the Director of the Census, Dr. E. Dana Durand, and the Chief Statistician for Manufactures of the Census Office, Mr. William M. Steuart, have furnished me with copies of the tabulations required for use in this report in advance of formal publication by the Census Office.

CHARLES F. GETTEMY,
Director, Bureau of Statistics.

State House, Boston, December 15, 1911.

TABULAR PRESENTATIONS.

1909.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1909.

A. THE STATE: BY INDUSTRIES.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
THE STATE.	**11,684**	**$1,279,686,558**	**$830,764,943**	**$301,173,464**	**584,559**	**$1,490,529,386**
Agricultural implements,	5	605,284	286,041	188,056	346	646,534
Artificial limbs,	10	33,571	9,982	12,490	21	43,728
Artificial stone,	35	245,176	84,598	96,720	158	276,694
Artists' materials,	3	47,256	19,937	12,956	28	57,933
Automobile bodies and parts,	47	2,181,647	1,665,233	1,216,702	1,762	3,855,210
Automobiles,	15	5,276,242	3,826,245	1,576,529	2,376	7,504,014
Awnings, tents, and sails,	45	410,389	440,806	217,808	385	886,478
Babbitt metal and solder,	4	31,697	84,466	5,225	8	95,959
Bags, other than paper,	5	55,689	156,158	14,435	44	193,839
Baking powders and yeast,	9	99,591	296,696	28,385	52	426,158
Baskets, and rattan and willow ware,	21	303,959	138,025	104,046	222	326,245
Belting and hose, leather	16	4,425,960	3,066,087	554,562	955	5,647,360
Belting and hose, woven	6	433,445	366,828	56,469	107	599,135
Bicycles, motorcycles, and parts,	10	2,076,835	1,377,576	579,565	843	2,706,258
Billiard tables and materials,	7	63,115	31,828	21,925	28	111,088
Blacking,	56	1,503,901	1,610,821	217,512	454	3,123,180
Bluing,	7	111,344	62,418	16,788	36	209,435
Bone, carbon, and lampblack,	3	115,687	45,272	21,430	20	113,210

Bookbinding and blank-book making,	94	2,769,379	1,313,571	1,328,938	2,763	3,729,355
Boot and shoe cut stock,	176	11,064,568	27,135,295	1,948,950	3,915	32,650,989
Boot and shoe findings,	215	6,452,286	11,577,468	2,070,690	4,438	16,646,159
Boots and shoes,	469	72,726,061	114,277,189	41,970,498	74,710	187,045,767
Boots and shoes, rubber	8	15,692,273	10,639,704	3,375,595	6,928	18,722,363
Boxes, cigar	5	181,988	132,113	60,819	130	255,335
Boxes, fancy and paper	99	2,939,285	2,719,447	1,556,931	3,838	5,757,611
Boxes, wooden packing	109	6,226,086	5,075,499	1,660,114	3,339	8,075,555
Brass castings and brass finishing,	66	1,042,924	1,071,366	421,807	639	1,961,331
Brass ware,	12	2,432,404	1,586,000	480,740	762	2,611,404
Bread and other bakery products,	1,201	12,751,629	15,727,433	3,814,002	6,697	26,146,044
Brick and tile,	52	1,476,337	329,898	509,302	991	1,243,245
Bronze castings,	4	81,506	67,292	33,926	59	125,831
Brooms,	24	101,186	153,754	56,758	118	298,118
Brushes,	30	2,236,339	1,355,800	652,796	1,629	2,874,524
Butter,	24	114,798	548,245	28,958	56	664,119
Buttons,	12	1,044,196	408,605	300,904	659	978,442
Canning and preserving, fish,	38	3,241,291	3,496,935	520,395	1,151	5,264,200
Canning and preserving, fruit and vegetables,	6	49,911	46,726	10,491	40	73,752
Card cutting and designing,	6	66,467	35,490	20,811	42	87,429
Carpets and rugs, other than rag,	11	11,450,096	7,501,110	2,763,263	5,954	12,811,981
Carpets, rag	24	64,353	23,163	52,539	122	132 280
Carriage and wagon materials,	21	640,908	288,310	138,727	228	595,329
Carriages and sleds, children's	7	1,112,943	954,739	410,850	858	1,754,775

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
The State — Continued.						
Carriages and wagons,	156	$2,182,743	$993,471	$847,267	1,311	$2,589,506
Cars and general shop construction and repairs by steam-railroad companies,	21	5,109,017	3,976,434	3,446,695	5,162	7,803,807
Cars and general shop construction and repairs by street-railroad companies,	46	2,135,202	974,701	1,095,709	1,708	2,139,828
Cars, steam railroad, not including operations of railroad companies,	4	3,529,948	2,481,784	501,059	616	3,487,811
Cash registers and calculating machines,	4	157,055	17,765	28,956	42	88,594
Chemicals,	24	5,185,221	3,048,252	811,378	1,358	5,916,451
Cleansing and polishing preparations,	24	231,533	268,620	39,184	73	589,891
Clocks,	7	628,846	117,285	178,255	284	454,423
Cloth sponging and refinishing,	4	16,550	2,556	33,096	47	63,462
Clothing, men's	228	7,132,138	8,494,421	2,568,894	5,256	15,818,516
Clothing, men's, buttonholes,	3	3,650	2,692	3,608	9	10,363
Clothing, women's	174	4,222,853	6,511,332	2,446,277	5,813	11,727,980
Coffee and spice, roasting and grinding,	17	2,703,652	4,082,091	201,491	373	5,805,887
Coffins, burial cases, and undertakers' goods,	12	967,897	444,081	230,997	384	941,158
Combs and hairpins,	40	1,953,563	2,653,144	1,233,083	2,706	4,886,606
Confectionery,	117	7,371,337	9,188,518	1,860,336	5,548	15,266,453
Cooperage,	51	1,155,807	855,650	346,441	800	1,481,095
Copper, tin, and sheet-iron products,	116	1,914,808	1,612,441	902,705	1,422	3,632,767

Cordage and twine,	20	7,726,292	6,075,006	940,211	2,377	8,074,797
Cordials and sirups,	7	149,383	244,630	13,188	54	363,608
Corsets,	10	1,857,397	1,607,199	735,465	1,989	3,751,641
Cotton goods,	158	212,626,033	104,167,754	44,751,675	108,018	184,751,070
Cotton small wares,	24	1,391,214	989,040	365,394	896	1,711,243
Cutlery and edge tools,	41	4,309,214	1,276,471	1,422,424	2,963	4,391,424
Dairymen's, poulterers', and apiarists' supplies,	5	12,802	23,903	4,782	9	57,850
Dentists' materials,	4	56,554	335,299	18,427	31	394,668
Druggists' preparations,	18	772,648	496,356	119,581	271	1,499,521
Dyeing and finishing textiles,	48	30,597,076	10,469,266	4,429,978	9,079	21,892,890
Dyestuffs and extracts,	10	396,064	511,619	49,975	80	725,386
Electrical machinery, apparatus, and supplies,	83	32,961,277	12,734,820	8,209,174	14,507	28,142,889
Electroplating,	54	431,043	163,653	238,670	467	678,346
Emery and other abrasive wheels,	13	1,738,740	564,434	429,396	615	1,981,536
Enameling,	11	135,659	174,539	50,770	108	327,585
Engraving and diesinking,	30	97,048	17,902	67,730	112	165,332
Engraving, steel and copper plate, including plate printing,	21	198,502	95,216	194,621	307	492,654
Engraving, wood,	4	2,057	465	–	–	4,324
Envelopes,	11	3,938,500	2,389,624	591,150	1,410	3,996,825
Fancy articles, not elsewhere specified,	31	619,196	536,363	284,133	647	1,166,012
Felt goods,	10	2,014,861	1,405,958	302,097	631	2,349,108
Fertilizers,	6	4,689,435	2,248,982	183,438	447	3,496,056
Files,	7	170,477	44,642	51,214	110	122,556
Firearms,	6	3,815,368	491,436	1,299,269	1,981	2,680,470
Fireworks,	4	140,870	93,459	84,601	199	285,475

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
The State — Continued.						
Flavoring extracts,	38	$450,054	$443,244	$50,069	111	$930,913
Flour-mill and gristmill products,	120	2,222,028	4,130,775	126,201	229	4,632,145
Food preparations,	50	1,205,442	1,291,870	197,706	366	2,547,319
Foundry and machine-shop products,	734	88,637,296	24,973,228	22,877,356	37,376	71,966,704
Fur goods,	16	730,292	552,489	152,988	210	954,790
Furnishing goods, men's	14	368,356	761,168	183,566	432	1,295,485
Furniture,	142	16,551,373	5,635,326	3,881,785	7,148	13,432,672
Galvanizing,	3	10,186	12,076	7,252	11	26,233
Gas and electric fixtures,	16	225,108	160,821	124,848	179	370,673
Gas, illuminating and heating,	64	52,983,671	3,810,134	1,250,007	2,292	11,074,354
Gas machines and gas and water meters,	4	990,709	374,940	210,957	339	968,318
Glass, cutting, staining, and ornamenting,	33	205,710	82,866	137,163	214	356,149
Gloves and mittens, leather	8	107,153	43,085	52,484	109	134,937
Glue,	14	2,149,540	1,159,032	223,344	509	1,895,015
Gold and silver, leaf and foil,	11	99,606	163,677	77,337	152	281,926
Gold and silver, reducing and refining, not from the ore,	8	566,225	1,103,183	57,270	78	1,359,102
Grease and tallow,	35	1,813,905	1,753,309	347,443	561	2,661,030
Hair work,	6	14,500	8,102	4,134	14	33,877

Hammocks,	5	37,309	57,027	12,434	20	83,418
Hand-knit goods,	7	8,150	4,107	1,677	6	11,906
Hand stamps,	19	115,643	51,105	53,710	93	179,817
Hardware,	29	2,466,143	962,354	642,994	1,279	2,880,057
Hardware, saddlery	3	131,694	10,196	19,191	21	55,846
Hat and cap materials,	3	789,410	516,101	91,810	230	755,099
Hats and caps, other than felt, straw, and wool,	30	179,017	335,231	161,274	274	658,666
Hats, felt	11	2,261,684	1,931,902	990,107	2,224	3,745,873
Hats, straw	18	2,572,977	3,679,855	1,448,058	2,668	6,589,477
Hats, wool	5	761,418	679,726	333,920	678	1,301,848
Horseshoes, not made in steel works or rolling mills,	3	185,833	177,412	66,137	117	330,161
Hosiery and knit goods,	58	12,469,238	6,967,499	3,853,151	9,935	14,724,119
House-furnishing goods, not elsewhere specified,	18	727,136	592,638	129,139	311	920,758
Ice, manufactured	7	344,125	67,131	41,827	55	202,915
Ink, writing	5	565,921	312,863	67,648	147	812,701
Instruments, professional and scientific	23	768,456	255,096	256,225	373	864,257
Iron and steel, steel works and rolling mills,	9	14,193,549	10,032,273	1,976,966	3,115	13,567,628
Iron and steel, bolts, nuts, washers and rivets, not made in steel works or rolling mills,	10	2,599,042	968,345	703,445	1,217	2,426,656
Iron and steel forgings,	11	1,840,718	924,585	380,935	565	1,949,191
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	26	2,810,559	1,509,934	575,552	1,125	2,927,978
Ivory, shell, and bone-work, not including combs and hairpins,	7	352,231	324,602	112,906	205	565,623
Japanning,	5	5,863	1,662	4,944	11	17,650

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
The State — Continued.						
Jewelry,	175	$13,805,575	$5,579,325	$4,421,969	7,423	$15,210,738
Jewelry and instrument cases,	10	187,363	124,779	80,987	231	295,727
Kaolin and ground earths,	9	392,227	158,043	43,351	95	300,069
Labels and tags,	6	71,923	23,288	21,558	43	82,974
Lamps and reflectors,	9	499,795	650,838	274,205	484	1,138,711
Lasts,	27	1,469,019	611,114	525,663	675	1,909,386
Leather goods, not elsewhere specified,	53	757,105	847,774	291,417	672	1,581,444
Leather, tanned, curried, and finished,	132	41,196,568	28,765,508	5,443,944	10,252	40,002,079
Lime,	9	1,307,199	337,134	303,906	557	864,330
Linen goods,	7	3,725,031	1,904,491	659,502	1,652	3,392,397
Liquors, distilled	6	840,412	687,321	36,046	49	2,755,323
Liquors, malt	37	20,288,248	3,593,400	1,480,638	1,739	12,723,730
Lithographing,	15	1,905,542	693,049	729,897	1,044	2,222,332
Looking-glass and picture frames,	32	344,552	219,655	119,191	184	568,679
Lumber and timber products,	391	5,251,017	2,057,694	1,169,601	2,341	5,223,573
Lumber, planing-mill products,	208	6,074,534	5,350,932	2,200,846	3,296	9,726,709
Marble and stone work,	132	5,324,617	1,181,240	2,520,955	3,575	4,951,737
Mattresses and spring beds,	52	909,229	1,297,432	336,216	667	2,227,374

Millinery and lace goods,	79	1,584,753	2,282,330	666,755	1,686	3,976,609
Mineral and soda waters,	145	1,860,057	803,048	313,498	525	2,192,707
Mirrors,	6	151,494	221,540	70,875	110	404,877
Models and patterns, not including paper patterns,	62	300,017	119,378	238,881	342	624,510
Monuments and tombstones,	198	1,668,792	1,011,152	1,030,839	1,440	2,852,650
Mucilage and paste,	20	747,055	1,222,043	49,776	71	1,613,039
Musical instruments and materials, not specified,	18	168,359	84,766	80,872	154	259,781
Musical instruments, organs,	8	396,474	203,976	176,373	240	518,653
Musical instruments, pianos,	25	8,682,054	2,581,945	1,613,804	2,478	5,745,917
Musical instruments, piano and organ materials,	26	2,553,608	1,363,335	877,793	1,527	2,841,900
Needles, pins, and hooks and eyes,	3	247,318	21,452	100,878	261	213,962
Oil, essential	5	3,450	5,928	2,544	6	13,156
Oil, not elsewhere specified,	17	1,136,055	2,272,793	173,676	293	2,864,173
Optical goods,	11	2,193,569	1,163,095	1,102,819	2,460	3,058,018
Paints,	26	1,635,253	1,604,528	207,006	360	2,617,960
Paper and wood pulp,	88	42,523,682	22,349,613	6,541,636	12,848	40,096,713
Paper goods, not elsewhere specified,	49	8,612,023	4,728,721	1,702,913	3,632	9,060,181
Patent medicines and compounds,	119	4,174,299	1,839,472	402,927	810	5,158,102
Perfumery and cosmetics,	17	345,896	391,064	43,302	102	774,141
Photographic materials,	4	96,718	24,654	13,933	32	98,410
Photo-engraving,	24	444,148	151,400	402,933	483	937,236
Pickles, preserves, and sauces,	26	764,090	1,032,758	109,531	254	1,490,154
Pipes, tobacco	5	44,687	34,534	31,617	49	75,561
Plated ware,	5	518,990	152,791	196,849	343	503,515

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
The State — Continued.						
Plumbers' supplies,	21	$1,123,894	$801,137	$493,570	950	$1,611,439
Pocketbooks,	7	446,987	311,530	143,443	297	661,042
Pottery, terra-cotta, and fire-clay products,	20	1,166,607	178,504	255,970	465	644,286
Printing and publishing, book and job,	692	12,670,356	4,623,313	4,392,293	7,064	17,158,951
Printing and publishing, music,	11	324,720	74,069	59,943	102	468,197
Printing and publishing, newspapers and periodicals,	446	15,604,966	6,081,333	4,977,942	6,252	23,393,517
Printing materials,	7	110,418	51,146	19,586	29	125,378
Refrigerators,	13	262,024	172,582	104,392	129	434,876
Regalia and society badges and emblems,	13	78,915	72,645	18,296	47	168,820
Roofing materials,	4	268,654	174,827	19,600	33	277,982
Rubber goods, not elsewhere specified,	29	10,495,428	11,005,371	1,769,269	3,418	15,796,490
Saddlery and harness,	37	555,834	485,643	187,778	306	850,176
Sausage, not made in slaughtering and meat-packing establishments,	49	423,204	1,402,063	171,608	270	1,871,473
Saws,	10	2,735,936	564,430	255,001	432	1,278,274
Scales and balances,	3	52,907	25,860	8,451	15	62,760
Screws, machine	13	686,175	226,874	186,286	348	570,356
Sewing machines and attachments,	6	2,190,728	558,812	533,469	869	1,548,271
Shipbuilding, wooden, including boat building,	113	1,347,098	742,175	621,421	885	1,848,307

Shirts,	26	1,109,802	1,261,230	829,493	2,079	2,495,267
Shoddy,	27	1,518,773	1,193,401	202,252	442	1,765,609
Show cases,	8	41,583	62,937	32,833	41	133,138
Signs and advertising novelties,	14	185,545	150,506	85,992	136	375,670
Silk and silk goods, including throwsters,	19	7,800,736	5,429,851	1,840,247	4,109	8,942,246
Silversmithing and silverware,	16	6,299,076	2,574,902	1,528,385	2,122	6,035,221
Slaughtering and meat packing, wholesale,	17	13,185,308	31,035,258	1,359,896	2,619	35,182,012
Slaughtering, wholesale, not including meat packing,	28	1,938,668	6,448,878	305,662	436	7,349,487
Smelting and refining, not from the ore,	3	59,925	169,164	11,208	15	249,398
Soap,	38	2,569,777	2,376,598	226,824	458	4,282,566
Soda-water apparatus,	5	2,840,180	389,747	227,890	344	1,323,017
Sporting and athletic goods,	18	1,457,745	1,235,157	473,884	891	2,509,649
Springs, steel, car and carriage,	3	42,300	12,522	13,429	20	44,500
Stamped and enameled ware,	17	857,625	388,336	274,235	570	946,790
Starch,	4	126,563	96,646	13,524	19	126,984
Stationery goods, not elsewhere specified,	21	2,699,970	2,394,839	778,014	1,790	4,523,822
Statuary and art goods,	15	191,542	46,477	125,367	153	287,675
Steam fittings and heating apparatus,	25	6,331,619	1,844,653	1,779,941	2,758	5,377,215
Steam packing,	10	197,517	136,447	40,554	69	281,562
Stencils and brands,	12	25,003	16,290	15,354	24	60,137
Stereotyping and electrotyping,	11	244,447	103,244	182,628	239	451,324
Stoves and furnaces, not including gas and oil stoves,	18	2,883,995	978,374	1,113,110	1,487	3,181,757
Structural ironwork,	41	3,370,314	2,215,382	1,007,762	1,456	4,066,092
Surgical appliances,	13	423,932	474,327	112,238	206	802,419
Suspenders, garters, and elastic woven goods,	40	5,986,398	5,630,252	1,701,964	3,696	10,106,940

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
The State — Concluded.						
Tinware,	17	$3,535,191	$932,405	$304,510	635	$1,605,771
Tobacco, chewing and smoking, and snuff,	15	68,700	62,274	9,248	23	143,589
Tobacco, cigars and cigarettes,	402	3,660,712	2,858,881	2,496,297	3,528	7,744,573
Tools, not elsewhere specified,	94	8,106,436	2,207,928	2,315,830	3,784	7,219,325
Toys and games,	16	1,103,956	858,574	446,792	1,051	1,750,739
Trunks and valises,	22	611,508	741,722	236,213	435	1,280,604
Type founding,	3	354,068	58,560	70,633	145	182,854
Upholstering materials,	10	345,190	414,114	78,860	167	583,246
Varnishes,	15	559,831	470,136	43,956	68	850,600
Vinegar and cider,	60	544,204	298,318	52,591	98	498,596
Waste,	9	1,600,092	2,564,354	270,556	654	3,334,969
Watch and clock materials,	5	107,521	48,735	91,777	158	212,716
Whips,	29	2,778,730	1,071,875	488,977	1,005	2,774,373
Window shades and fixtures,	13	242,640	585,908	73,156	130	818,406
Wire,	10	8,011,366	5,537,893	2,218,267	3,718	9,579,815
Wirework, including wire rope and cable,	31	3,435,284	1,498,624	808,948	1,578	3,231,779
Wood, turned and carved,	69	1,474,061	569,436	525,784	1,371	1,464,714

Wooden goods, not elsewhere specified,	19	246,593	238,050	105,247	174	458,011
Wool scouring,	8	936,501	169,458	228,703	493	630,577
Woolen goods,	94	32,020,912	19,834,096	7,197,651	15,453	32,216,705
Worsted goods,	74	99,158,231	66,056,551	16,759,095	37,111	106,099,221
All other industries,[1]	101	65,702,038	39,381,034	8,408,286	16,075	60,998,328

[1] Embraces ammunition, 2; artificial flowers, 1; axle grease, 2; bags, paper, 3; belting and hose, rubber, 2; brass and copper, rolled, 3; butter, reworking, 1; canning and preserving, oysters, 1; cardboard, not made in paper mills, 1; charcoal, 2; china decorating, 1; chocolate and cocoa products, 2; clothing, horse, 2; coke, 1; collars and cuffs, 1; cork, cutting, 2; crucibles, 2; drug grinding, 2; engravers' materials, 1; explosives, 2; fire extinguishers, chemical, 2; flags and banners, 1; foundry supplies, 1; furs, dressed, 1; glass, 2; ink, printing, 2; iron and steel, blast furnaces, 1; iron and steel, doors and shutters, 1; jute and jute goods, 2; lard, refined, not made in slaughtering and meat-packing establishments, 1; lead, bar, pipe, and sheet, 1; mats and matting, 2; nets and seines, 2; oil, castor, 1; oilcloth, enameled, 3; ordnance and accessories, 1; paper patterns, 1; paving materials, 2; peanuts, grading, roasting, cleaning, and shelling, 2; pencils, lead, 1; pens, fountain and stylographic, 1; pens, gold, 2; phonographs and graphophones, 1; photographic apparatus, 1; pumps, not including steam pumps, 3; rules, ivory and wood, 1; safes and vaults, 1; sand and emery paper and cloth, 1; screws, wood, 2; shipbuilding, iron and steel, 2; stoves, gas and oil, 3; straw goods, not elsewhere specified, 1; sugar and molasses, refining, not including beet sugar, 2; sulphuric, nitric, and mixed acids, 1; typewriters and supplies, 1; umbrellas and canes, 2; vault lights and ventilators, 2; wall paper, 2; wall plaster, 2; washing machines and clothes wringers, 2; watches, 2; windmills, 1; wool pulling, 1.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

B. THE 33 CITIES: BY INDUSTRIES.

Cities and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Beverly.	*63*	*$8,657,676*	*$3,291,240*	*$2,928,806*	*4,487*	*$8,652,547*
Boots and shoes,	16	1,130,747	1,869,166	770,548	1,489	3,132,937
Boxes, wooden packing	4	160,281	127,037	53,033	124	196,766
Bread and other bakery products,	9	26,800	90,088	19,448	28	138,390
Printing and publishing, book and job,	3	39,458	19,100	26,750	52	67,025
Other industries,	31	7,300,390	1,185,849	2,059,027	2,794	5,117,429
Boston.	*3,155*	*175,181,571*	*124,577,155*	*39,909,807*	*69,637*	*237,457,472*
Automobile bodies and parts,	14	384,583	195,939	177,393	215	613,460
Awnings, tents, and sails,	19	138,130	231,310	109,558	204	467,606
Baskets, and rattan and willow ware,	5	15,720	18,652	14,910	29	46,575
Belting and hose, leather	5	411,771	512,504	35,232	46	698,278
Blacking,	13	195,050	253,195	45,686	85	505,425
Bookbinding and blank-book making,	48	839,718	435,878	662,220	1,423	1,584,433
Boot and shoe cut stock,	18	4,430,517	13,055,421	492,367	830	14,837,397
Boot and shoe findings,	15	794,356	1,941,549	270 912	557	2,490,074
Boxes, fancy and paper	21	488,209	557,953	362,148	964	1,213,407
Boxes, wooden packing	6	78,147	101,051	44,512	86	189,853
Brass castings and brass finishing,	25	254,577	303,986	168,868	245	639,753
Brass ware,	7	62,476	41,742	37,903	63	117,823

Bread and other bakery products,	285	3,543,048	4,824,560	1,068,131	1,999	8,109,419
Brushes,	11	1,609,339	939,167	363,501	873	1,774,001
Canning and preserving, fish,	8	317,074	436,514	43,781	89	617,930
Carriages and wagons,	23	315,882	158,205	179,036	264	470,340
Cars and general shop construction and repairs by steam-railroad companies,	6	761,060	652,186	768,366	1,172	1,535,737
Chemicals,	9	125,252	292,831	15,778	23	370,316
Cleansing and polishing preparations,	10	106,747	163,943	21,113	40	314,568
Cloth sponging and refinishing,	4	16,550	2,556	33,096	47	63,462
Clothing, men's	189	5,970,464	7,243,504	2,208,265	4,292	13,799,955
Clothing, women's	122	2,409,499	4,305,713	1,649,482	3,540	7,841,740
Coffee and spice, roasting and grinding,	11	2,559,238	3,651,162	188,468	348	5,307,987
Confectionery,	54	5,048,227	6,116,732	1,344,191	4,137	10,341,275
Copper, tin, and sheet-iron products,	70	918,061	868,884	621,321	889	2,119,887
Cordials and sirups,	6	149,233	244,580	12,738	53	362,608
Druggists' preparations,	10	480,254	341,104	65,135	137	1,149,459
Dyestuffs and extracts,	6	112,627	161,103	16,030	27	242,873
Electrical machinery, apparatus, and supplies,	27	3,006,512	1,002,940	699,710	1,380	3,027,568
Electroplating,	26	71,280	31,647	80,201	124	185,905
Engraving and diesinking,	15	42,410	8,219	29,472	39	68,914
Engraving, steel and copper plate, including plate printing,	20	190,136	93,562	193,881	304	488,751
Fancy articles, not elsewhere specified,	11	230,376	158,298	87,541	209	379,177
Flavoring extracts,	15	274,341	250,048	26,748	55	572,360
Food preparations,	14	670,528	686,353	128,850	219	1,539,606
Foundry and machine-shop products,	161	8,242,277	2,809,172	2,391,095	3,554	7,838,341
Fur goods,	12	722,717	545,551	149,316	205	936,052

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

Cities and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Boston — Continued.						
Furnishing goods, men's	8	$295,529	$576,139	$116,006	251	$943,525
Furniture,	56	916,609	1,016,054	540,725	856	2,315,076
Gas and electric fixtures,	13	185,554	135,962	113,633	148	320,705
Glass, cutting, staining, and ornamenting,	22	90,708	39,558	71,497	100	187,623
Gloves and mittens, leather	5	35,789	25,845	40,676	73	95,728
Grease and tallow,	3	175,844	282,020	53,388	86	410,071
Hair work,	4	14,090	6,762	4,134	14	30,417
Hand stamps,	10	32,509	22,512	24,366	37	89,335
Hardware,	8	82,925	63,590	35,581	60	144,018
Hats and caps, other than felt, straw, and wool,	28	172,002	326,688	154,536	263	642,938
Hats, felt	5	159,747	110,728	71,330	120	273,995
Hosiery and knit goods,	8	542,711	583,064	252,805	729	1,026,293
House-furnishing goods, not elsewhere specified,	6	30,664	76,730	18,503	36	119,280
Instruments, professional and scientific	15	651,959	225,236	235,218	344	780,985
Japanning,	4	4,813	1,502	4,944	11	14,050
Jewelry,	32	395,532	248,323	189,391	303	710,164
Jewelry and instrument cases,	4	96,327	81,061	47,221	146	181,708
Labels and tags,	3	29,493	9,733	15,678	31	45,274

Leather goods, not elsewhere specified,	21	407,230	525,597	153,856	350	921,949
Leather, tanned, curried, and finished,	6	154,021	212,378	27,658	51	273,958
Liquors, malt	20	13,435,765	1,956,874	1,019,213	1,126	7,553,669
Lithographing,	6	168,543	79,566	78,851	118	258,242
Looking-glass and picture frames,	19	241,376	165,659	82,686	124	431,445
Lumber, planing-mill products,	58	1,259,753	1,278,331	648,429	901	2,579,934
Marble and stone work,	19	834,501	433,831	422,366	537	1,058,504
Mattresses and spring beds,	28	641,659	1,048,316	248,088	496	1,770,103
Millinery and lace goods,	65	1,254,113	1,930,670	579,577	1,454	3,425,242
Mineral and soda waters,	25	761,420	415,015	111,572	160	995,106
Mirrors,	5	143,719	215,208	66,306	104	385,377
Models and patterns, not including paper patterns,	24	101,432	33,310	92,487	121	209,366
Monuments and tombstones,	12	70,164	19,057	36,664	44	93,694
Mucilage and paste,	5	138,672	266,549	17,438	19	349,039
Musical instruments and materials, not specified,	10	111,115	58,575	59,663	91	191,478
Musical instruments, pianos,	13	5,358,675	1,354,610	879,402	1,303	3,181,755
Musical instruments, piano and organ materials,	6	57,341	43,987	32,252	56	112,152
Oil, not elsewhere specified,	5	384,935	1,358,759	81,803	142	1,599,051
Paints,	8	574,301	471,890	64,727	120	758,213
Paper goods, not elsewhere specified,	12	253,113	112,748	59,252	120	252,350
Patent medicines and compounds,	51	872,169	940,551	182,287	394	2,237,209
Perfumery and cosmetics,	8	279,531	256,600	35,000	83	588,330
Photo-engraving,	19	374,523	137,425	320,186	399	778,366
Pickles, preserves, and sauces,	12	656,671	911,277	90,653	209	1,282,498
Plumbers' supplies,	8	222,122	209,326	104,384	186	408,209

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

Cities and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Boston — Concluded.						
Pottery, terra-cotta, and fire-clay products,	4	$83,817	$22,289	$59,340	104	$125,404
Printing and publishing, book and job,	316	7,661,353	2,167,134	2,156,868	3,320	9,836,201
Printing and publishing, music,	10	324,720	74,059	59,943	102	467,195
Printing and publishing, newspapers and periodicals,	164	9,225,287	4,111,913	2,881,325	2,990	15,386,346
Printing materials,	6	95,410	45,942	19,370	28	114,655
Refrigerators,	8	197,933	143,338	76,352	87	338,701
Regalia and society badges and emblems,	7	47,315	54,008	9,893	27	99,975
Rubber goods, not elsewhere specified,	5	471,943	361,835	143,264	279	689,137
Saddlery and harness,	11	50,936	57,099	45,997	64	144,054
Sausage, not made in slaughtering and meat-packing establishments,	12	125,744	456,920	65,138	109	655,830
Screws, machine	4	98,023	73,313	41,828	70	156,866
Shipbuilding, wooden, including boat building,	22	585,919	373,763	305,334	450	859,847
Shirts,	7	201,370	512,459	77,785	187	735,053
Show cases,	6	38,507	53,757	25,221	31	109,138
Signs and advertising novelties,	8	74,365	82,341	46,189	74	212,413
Silversmithing and silverware,	5	51,936	73,891	73,177	100	203,353
Slaughtering, wholesale, not including meat packing,	8	181,186	1,837,005	46,507	59	2,030,010
Soap,	13	222,700	286,028	36,457	65	454,963

Stationery goods, not elsewhere specified,	3	79,418	90,606	46,334	86	283,305
Statuary and art goods,	12	165,240	32,170	108,140	131	237,575
Steam fittings and heating apparatus,	13	4,030,527	1,254,626	1,151,716	1,792	3,270,590
Steam packing,	5	87,929	20,421	22,590	33	94,150
Stencils and brands,	7	17,666	15,368	13,146	21	50,055
Stereotyping and electrotyping,	6	151,031	81,086	142,791	172	350,706
Structural ironwork,	16	462,779	425,185	308,347	425	909,875
Suspenders, garters, and elastic woven goods,	12	1,281,254	1,975,124	371,806	930	3,252,653
Tinware,	13	3,418,092	902,082	283,396	594	1,560,852
Tobacco, chewing and smoking, and snuff,	6	10,654	14,378	3,382	8	33,023
Tobacco, cigars and cigarettes,	139	2,684,852	2,031,501	1,776,548	2,310	5,473,284
Tools, not elsewhere specified,	11	541,978	384,028	138,487	235	797,922
Trunks and valises,	12	190,490	212,910	79,298	141	363,687
Varnishes,	4	175,402	145,500	15,219	22	306,702
Window shades and fixtures,	8	114,910	391,659	49,647	88	539,114
Wirework, including wire rope and cable,	9	39,268	55,589	36,251	52	130,652
Wood, turned and carved,	11	16,877	8,082	11,087	15	39,446
Other industries,	232	63,318,685	33,844,416	6,890,238	13,354	54,265,001
Brockton.	*196*	*18,978,317*	*28,565,397*	*9,122,298*	*14,737*	*45,972,388*
Blacking,	12	120,963	165,693	23,484	31	327,598
Boot and shoe cut stock,	10	985,884	1,862,728	388,335	784	2,671,720
Boot and shoe findings,	30	1,267,740	3,063,648	397,960	777	4,157,110
Boots and shoes,	35	11,863,622	20,457,306	6,964,937	10,942	32,464,288
Boxes, fancy and paper	5	209,016	140,053	89,225	214	329,020

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

Cities and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Brockton — Concluded.						
Boxes, wooden packing	3	$169,025	$109,924	$35,235	64	$189,757
Bread and other bakery products,	11	387,701	453,363	125,567	223	892,489
Cutlery and edge tools,	5	70,027	20,043	54,441	61	119,316
Foundry and machine-shop products,	9	344,704	116,248	119,137	162	391,078
Lasts,	6	416,432	182,756	124,178	170	538,703
Leather goods, not elsewhere specified,	3	13,730	30,958	8,473	24	48,407
Lumber, planing-mill products,	3	131,054	84,272	27,634	38	150,676
Models and patterns, not including paper patterns,	3	25,711	8,865	20,628	28	63,728
Printing and publishing, book and job,	13	258,257	139,064	128,595	177	414,232
Tools, not elsewhere specified,	3	72,117	27,328	30,669	41	84,572
Other industries,	45	2,642,334	1,703,148	583,800	1,001	3,139,694
Cambridge.	*275*	*37,928,906*	*23,565,657*	*8,365,454*	*15,260*	*44,227,395*
Automobile bodies and parts,	3	140,775	107,484	62,357	81	268,954
Bookbinding and blank-book making,	8	379,121	152,215	177,486	340	463,598
Boxes, fancy and paper	4	163,734	104,127	105,349	292	280,263
Bread and other bakery products,	40	4,229,958	1,960,710	440,038	801	2,962,488
Carriages and wagons,	4	66,651	39,368	34,355	57	104,957
Cleansing and polishing preparations,	4	8,474	10,394	1,000	2	22,132
Confectionery,	12	855,174	1,171,711	217,568	700	1,909,771

Copper, tin, and sheet-iron products,	4	274,541	165,929	47,705	83	281,488
Foundry and machine-shop products,	19	6,984,068	1,231,465	1,228,650	1,955	3,766,169
Furniture,	13	1,443,067	416,508	603,280	780	1,392,270
Looking-glass and picture frames,	4	13,676	7,012	6,732	10	24,490
Lumber, planing-mill products,	10	332,663	260,456	167,523	228	591,517
Marble and stone work,	9	422,267	174,870	233,470	292	573,598
Monuments and tombstones,	3	19,500	8,090	8,368	10	31,450
Musical instruments, piano and organ materials,	5	741,239	573,584	295,675	634	1,049,299
Patent medicines and compounds,	5	214,746	119,661	59,848	102	264,435
Printing and publishing, book and job,	18	1,302,063	999,216	834,162	1,347	2,406,916
Printing and publishing, newspapers and periodicals,	15	668,885	128,312	173,616	306	497,074
Soap,	3	891,368	431,493	51,400	99	796,015
Other industries,	92	18,776,936	15,503,052	3,616,872	7,141	26,540,511
Chelsea.	*110*	*11,020,840*	*10,568,746*	*3,326,255*	*5,954*	*17,002,492*
Boots and shoes,	4	1,571,668	2,650,086	992,226	1,974	4,199,936
Boxes, fancy and paper	4	174,001	122,716	56,880	167	233,483
Bread and other bakery products,	14	47,478	126,423	33,098	41	197,580
Suspenders, garters, and elastic woven goods,	4	830,998	794,656	271,508	549	1,281,728
Tobacco, cigars and cigarettes,	10	15,046	17,918	11,750	23	50,232
Other industries,	74	8,381,649	6,856,947	1,960,793	3,200	11,039,533
Chicopee.	*58*	*14,802,824*	*10,952,075*	*3,696,206*	*7,260*	*19,219,166*
All industries,	58	14,802,824	10,952,075	3,696,206	7,260	19,219,166
Everett.	*62*	*22,904,539*	*4,506,266*	*1,507,848*	*2,680*	*8,746,923*
Foundry and machine-shop products,	5	220,982	97,677	70,203	121	292,601
Other industries,	57	22,683,557	4,408,589	1,437,645	2,559	8,454,322

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

Cities and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Fall River.	*288*	*$82,086,197*	*$35,523,932*	*$15,339,041*	*37,139*	*$64,145,726*
Bread and other bakery products,	74	183,624	479,382	126,875	217	796,054
Carriages and wagons,	5	71,683	5,195	27,204	43	78,075
Copper, tin, and sheet-iron products,	6	26,728	41,278	22,159	40	86,493
Cordage and twine,	5	335,646	63,009	19,455	65	102,020
Cotton goods,	40	62,426,495	27,308,839	12,039,258	30,218	48,186,487
Cotton small wares,	5	321,428	254,328	66,520	189	389,627
Foundry and machine-shop products,	33	969,201	604,696	372,810	759	1,341,712
Liquors, malt	3	1,115,990	106,212	45,114	80	380,520
Lumber, planing-mill products,	3	158,120	181,078	21,440	35	245,000
Marble and stone work,	7	46,858	12,675	65,909	85	119,904
Mineral and soda waters,	6	55,995	15,976	8,159	16	69,035
Monuments and tombstones,	5	34,103	10,928	15,049	18	38,348
Printing and publishing, book and job,	14	68,449	39,685	37,931	58	116,237
Printing and publishing, newspapers and periodicals,	6	343,765	49,624	100,460	123	235,083
Sausage, not made in slaughtering and meat-packing establishments,	6	11,058	63,720	4,786	11	80,681
Tobacco, cigars and cigarettes,	6	3,457	7,905	4,100	5	23,414
Other industries,	64	15,913,597	6,279,402	2,361,812	5,177	11,857,036

Fitchburg.	*122*	*20,888,278*	*14,442,267*	*4,230,516*	*8,497*	*23,252,155*
Bread and other bakery products,	12	44,504	110,832	27,359	48	172,445
Confectionery,	3	22,828	56,496	9,591	16	81,416
Cotton goods,	7	5,006,290	3,370,720	1,199,241	2,924	5,412,633
Foundry and machine-shop products,	20	1,571,106	666,568	488,023	786	1,625,870
Lumber, planing-mill products,	5	119,500	61,492	27,975	44	108,366
Marble and stone work,	5	47,175	18,368	33,063	70	71,034
Printing and publishing, newspapers and periodicals,	4	86,913	28,827	44,606	66	120,103
Tobacco, cigars and cigarettes,	9	14,992	11,905	13,726	26	37,406
Wood, turned and carved,	4	17,400	16,017	26,566	53	65,694
Other industries,	53	13,957,570	10,101,042	2,360,366	4,464	15,557,188
Gloucester.	*103*	*5,692,501*	*4,770,488*	*1,042,438*	*2,181*	*7,753,463*
Awnings, tents, and sails,	4	114,162	101,052	42,736	64	175,461
Bread and other bakery products,	7	65,080	115,385	29,017	57	177,695
Canning and preserving, fish,	21	2,890,498	2,995,982	460,518	1,014	4,531,062
Clothing, men's	7	82,336	156,895	36,097	114	243,923
Foundry and machine-shop products,	7	64,313	12,854	16,344	25	43,748
Shipbuilding, wooden, including boat building,	8	72,153	26,138	21,999	32	69,042
Tobacco, cigars and cigarettes,	5	5,598	7,659	4,232	13	17,369
Wood, turned and carved,	3	14,015	3,485	2,108	4	8,700
Other industries,	40	2,384,346	1,351,038	429,387	858	2,486,463
Haverhill.	*346*	*14,786,251*	*21,685,869*	*6,657,903*	*11,689*	*35,376,617*
Boot and shoe cut stock,	50	1,996,654	3,822,315	289,484	562	4,820,605
Boot and shoe findings,	71	1,451,562	2,095,226	479,596	1,005	3,351,464
Boots and shoes,	113	6,671,627	12,030,198	4,780,886	8,036	20,977,540

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

Cities and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Haverhill — Concluded.						
Boxes, fancy and paper	9	$188,025	$192,052	$111,242	226	$406,692
Boxes, wooden packing	3	235,664	302,341	72,095	154	429,381
Bread and other bakery products,	19	57,450	180,101	39,509	64	295,471
Foundry and machine-shop products,	8	286,868	23,348	41,099	57	111,191
Lumber, planing-mill products,	5	38,998	35,802	14,197	21	66,144
Printing and publishing, book and job,	12	51,278	18,748	20,469	32	68,974
Other industries,	56	3,808,125	2,985,738	809,326	1,532	4,849,155
Holyoke.	*187*	*42,674,771*	*22,300,587*	*8,075,677*	*16,513*	*40,097,224*
Bookbinding and blank-book making,	7	1,183,840	565,361	306,679	634	1,186,833
Bread and other bakery products,	27	159,059	275,173	76,008	108	464,258
Foundry and machine-shop products,	15	2,775,719	786,717	595,678	962	1,996,651
Lumber, planing-mill products,	4	233,411	176,548	70,558	131	361,843
Mineral and soda waters,	3	9,900	7,173	2,332	4	16,800
Paper and wood pulp,	23	14,036,314	7,243,648	2,210,881	4,480	12,304,800
Paper goods,	3	839,868	727,089	155,098	304	1,086,854
Printing and publishing, book and job,	8	52,394	12,348	11,141	26	41,922
Printing and publishing, newspapers and periodicals,	11	189,893	54,615	50,871	73	215,140
Sausage, not made in slaughtering and meat-packing establishments,	3	8,670	21,158	5,411	10	35,915

Stationery goods, not elsewhere specified,	7	1,403,349	1,093,697	297,001	706	1,930,093
Tobacco, cigars and cigarettes,	17	58,143	38,310	43,725	73	128,235
Woolen goods,	3	1,003,485	354,727	201,332	508	679,018
Other industries,	56	20,720,726	10,944,023	4,048,962	8,494	19,648,862
Lawrence.	*162*	*79,550,475*	*45,438,062*	*13,786,580*	*30,542*	*79,992,668*
Bread and other bakery products,	26	292,311	367,276	88,835	143	572,225
Carriages and wagons,	7	159,102	75,387	53,566	89	175,565
Cotton goods,	5	9,146,509	3,917,404	2,028,828	4,912	6,822,500
Foundry and machine-shop products,	24	1,341,060	687,939	565,028	990	1,645,943
Lumber, planing-mill products,	3	615,758	755,774	161,702	280	1,008,294
Marble and stone work,	4	58,782	42,621	35,152	47	103,929
Mineral and soda waters,	4	30,597	13,536	6,764	12	36,285
Printing and publishing, book and job,	8	33,005	11,055	12,800	23	38,306
Printing and publishing, newspapers and periodicals,	10	136,309	55,441	75,826	103	215,545
Sausage, not made in slaughtering and meat-packing establishments,	3	42,750	43,930	9,602	13	74,430
Worsted goods,	12	55,012,087	32,426,023	8,489,750	19,425	56,206,736
Other industries,	56	12,682,205	7,041,676	2,258,727	4,505	13,092,910
Lowell.	*320*	*61,983,551*	*32,830,745*	*14,149,106*	*32,575*	*60,270,961*
Boots and shoes,	7	963,999	1,682,000	561,739	1,259	2,649,838
Boxes, fancy and paper	3	212,151	109,870	87,047	205	289,473
Boxes, wooden packing	8	392,161	607,535	134,828	287	802,866
Bread and other bakery products,	46	171,152	482,387	103,326	166	750,090
Carriages and wagons,	3	25,925	12,415	13,853	24	33,134
Confectionery,	7	18,006	29,445	4,164	10	56,719
Copper, tin, and sheet-iron products,	6	44,868	25,248	23,412	43	74,108

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

Cities and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Lowell — Concluded.						
Cotton goods,	9	$24,242,856	$13,914,682	$5,644,838	13,809	$24,699,980
Electrical machinery, apparatus, and supplies,	5	346,988	260,267	109,323	244	511,879
Foundry and machine-shop products,	32	4,362,769	1,669,478	1,372,317	2,513	4,036,318
Lumber, planing-mill products,	8	325,861	126,361	74,940	121	260,305
Mineral and soda waters,	4	63,278	16,961	4,534	10	39,492
Monuments and tombstones,	8	21,753	8,070	8,268	12	31,682
Patent medicines and compounds,	5	1,609,328	217,797	88,220	169	966,956
Printing and publishing, book and job,	14	90,200	93,759	45,521	71	172,699
Printing and publishing, newspapers and periodicals,	8	493,654	191,892	106,982	132	555,903
Tobacco, cigars and cigarettes,	13	26,183	29,553	16,002	36	69,165
Wire work, including wire rope and cable,	3	52,551	51,381	26,453	57	108,856
Wood, turned and carved,	4	326,993	152,538	128,171	409	352,660
Woolen goods,	5	3,115,793	1,759,894	613,636	1,288	2,546,057
Worsted goods,	7	3,036,471	2,287,954	723,064	1,761	3,559,026
Other industries,	115	22,040,611	9,101,258	4,258,468	9,949	17,703,755
Lynn.	*431*	*42,784,070*	*41,361,087*	*15,665,818*	*27,368*	*71,503,140*
Blacking,	14	178,313	270,448	30,784	44	536,691
Boot and shoe cut stock,	48	2,714,367	7,381,532	393,462	788	8,553,728

Boot and shoe findings,	40	1,279,243	2,403,800	464,315	966	3,485,111
Boots and shoes,	119	13,494,546	19,362,330	8,674,360	14,595	34,620,870
Boxes, fancy and paper	6	238,297	403,827	169,130	348	730,147
Bread and other bakery products,	37	119,353	443,036	110,906	165	681,043
Foundry and machine-shop products,	26	825,545	177,927	253,578	411	799,840
Lasts,	5	192,943	75,239	60,630	81	266,207
Leather goods, not elsewhere specified,	4	43,635	44,649	22,758	44	96,748
Leather, tanned, curried, and finished,	8	2,656,152	4,009,467	456,925	1,062	5,093,927
Lumber, planing-mill products,	4	101,035	126,308	51,712	73	220,045
Models and patterns, not including paper patterns,	10	62,633	27,079	50,205	84	132,246
Monuments and tombstones,	5	46,201	16,235	16,921	24	45,783
Patent medicines and compounds,	6	1,050,644	199,438	38,252	73	947,601
Printing and publishing, book and job,	21	162,219	117,547	80,538	146	296,022
Printing and publishing, newspapers and periodicals,	4	148,661	41,902	62,787	78	234,650
Shipbuilding, wooden, including boat building,	5	22,420	25,598	9,339	10	44,110
Tobacco, cigars and cigarettes,	4	3,200	3,716	4,586	8	13,849
Other industries,	65	19,444,663	6,231,009	4,714,630	8,368	14,704,522
Malden.	*86*	*9,910,489*	*4,387,552*	*1,346,452*	*2,900*	*8,205,852*
All industries,	86	9,910,489	4,387,552	1,346,452	2,900	8,205,852
Marlborough.	*59*	*3,378,088*	*6,374,865*	*2,224,431*	*4,265*	*10,382,277*
Boots and shoes,	7	2,955,069	5,962,196	2,045,471	3,949	9,545,606
Bread and other bakery products,	10	18,047	49,079	11,410	19	79,229
Carriages and wagons,	4	16,440	6,994	4,704	7	18,400

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

Cities and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Marlborough — Concluded.						
Mineral and soda waters,	3	$7,850	$1,748	$1,848	4	$8,260
Monuments and tombstones,	3	13,710	4,372	7,110	10	15,656
Other industries,	32	366,972	350,476	153,888	276	715,126
Medford.	*40*	*1,595,568*	*1,249,874*	*331,101*	*560*	*2,045,289*
All industries,	40	1,595,568	1,249,874	331,101	560	2,045,289
Melrose.	*25*	*2,014,905*	*1,588,707*	*492,882*	*1,038*	*2,824,669*
All industries,	25	2,014,905	1,588,707	492,882	1,038	2,824,669
New Bedford.	*207*	*58,970,015*	*28,563,568*	*12,597,978*	*26,566*	*53,237,839*
Bread and other bakery products,	44	331,298	547,865	159,874	289	1,022,829
Carriages and wagons,	6	105,308	36,091	37,168	66	105,114
Copper, tin, and sheet-iron products,	5	35,432	18,084	23,246	35	54,410
Cotton goods,	21	50,309,670	23,285,829	10,111,636	22,137	42,497,390
Foundry and machine-shop products,	14	314,955	186,494	174,462	272	441,882
Lumber, planing-mill products,	7	79,147	149,438	57,119	85	248,551
Mineral and soda waters,	3	34,258	28,890	14,080	20	52,931
Monuments and tombstones,	5	20,497	14,772	12,562	15	39,443

Oil, not elsewhere specified,	4	462,160	448,090	32,729	58	600,457
Printing and publishing, book and job,	8	41,905	21,002	20,864	39	61,316
Printing and publishing, newspapers and periodicals,	7	250,295	85,304	135,078	187	358,658
Sausage, not made in slaughtering and meat-packing establishments,	5	32,448	151,238	13,934	22	182,850
Shipbuilding, wooden, including boat building,	4	9,465	3,392	5,829	8	12,725
Tobacco, cigars and cigarettes,	4	14,239	8,805	7,915	16	28,600
Other industries,	70	6,928,938	3,578,274	1,791,482	3,317	7,530,683
Newburyport.	*74*	*4,900,068*	*3,781,022*	*1,642,209*	*3,215*	*6,931,049*
Boot and shoe findings,	4	53,477	97,497	29,902	73	158,027
Boots and shoes,	9	1,499,899	1,718,021	869,405	1,610	3,000,467
Boxes, fancy and paper	3	25,605	25,204	19,216	50	61,770
Bread and other bakery products,	15	107,468	181,693	46,504	99	398,684
Monuments and tombstones,	3	3,942	1,717	1,736	3	11,008
Shipbuilding, wooden, including boat building,	5	18,725	11,274	6,797	11	27,509
Other industries,	35	3,190,952	1,745,616	668,649	1,369	3,273,524
Newton.	*46*	*5,669,439*	*3,383,489*	*1,125,288*	*2,174*	*6,278,714*
All industries,	46	5,669,439	3,383,489	1,125,288	2,174	6,278,714
North Adams.	*60*	*15,942,717*	*5,575,504*	*2,567,484*	*5,414*	*10,314,847*
Bread and other bakery products,	8	181,729	357,939	70,437	162	544,802
Foundry and machine-shop products,	5	359,610	148,618	109,621	172	346,530
Printing and publishing, book and job,	5	45,591	19,208	17,219	33	48,046
Tobacco, cigars and cigarettes,	5	20,706	23,196	23,429	40	64,240
Worsted goods,	3	801,882	986,612	265,030	526	1,402,043
Other industries,	34	14,533,199	4,039,931	2,081,748	4,481	7,909,186

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

Cities and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Northampton.	*71*	*$7,996,009*	*$3,162,823*	*$1,502,834*	*3,150*	*$6,998,992*
Bread and other bakery products,	9	78,533	115,321	25,836	48	180,488
Cutlery and edge tools,	3	413,273	137,084	235,800	399	483,324
Printing and publishing, book and job,	5	14,648	6,636	9,049	15	25,173
Tobacco, cigars and cigarettes,	7	11,132	12,988	12,338	20	37,508
Other industries,	47	7,478,423	2,890,794	1,219,811	2,668	6,272,499
Pittsfield.	*71*	*15,079,888*	*8,527,971*	*3,718,453*	*6,353*	*15,215,202*
Bread and other bakery products,	12	54,714	111,859	35,519	50	189,502
Flour-mill and gristmill products,	3	42,583	33,044	1,946	4	40,266
Foundry and machine-shop products,	4	333,946	123,400	115,579	165	328,783
Lumber, planing-mill products,	4	118,402	68,600	34,571	44	132,090
Printing and publishing, book and job,	7	40,422	21,478	26,148	66	84,175
Woolen goods,	4	1,692,106	1,387,646	519,885	1,048	2,180,164
Other industries,	37	12,797,715	6,781,944	2,984,805	4,976	12,260,222
Quincy.	*183*	*11,974,782*	*3,843,867*	*3,433,640*	*5,492*	*10,505,403*
Foundry and machine-shop products,	7	1,828,302	97,495	127,923	186	420,725
Marble and stone work,	17	543,529	104,347	241,515	358	549,162
Monuments and tombstones,	110	1,142,216	783,549	787,203	1,106	2,124,591
Printing and publishing, newspapers and periodicals,	5	37,999	9,043	13,724	27	48,406

Tools, not elsewhere specified,	4	36,671	24,062	11,787	23	54,926
Other industries,	40	8,386,065	2,825,371	2,251,488	3,792	7,307,599
Salem.	*155*	*9,345,244*	*8,639,856*	*2,892,786*	*6,338*	*14,576,276*
Boot and shoe cut stock,	12	155,989	102,988	40,895	117	180,386
Boot and shoe findings,	17	424,553	524,921	158,593	470	801,094
Boots and shoes,	13	1,921,687	3,497,136	1,231,392	2,496	5,468,128
Bread and other bakery products,	18	76,095	190,021	51,962	81	293,249
Foundry and machine-shop products,	11	208,658	127,045	65,412	94	254,764
Leather, tanned, curried, and finished,	24	1,880,633	1,994,985	413,372	975	2,878,734
Lumber, planing-mill products,	4	162,165	121,098	55,933	79	236,455
Printing and publishing, book and job,	6	27,685	11,933	14,274	29	41,623
Printing and publishing, newspapers and periodicals,	6	163,207	53,489	54,176	112	243,088
Tobacco, cigars and cigarettes,	4	6,200	4,713	2,832	8	13,735
Other industries,	40	4,318,372	2,011,527	803,945	1,877	4,165,020
Somerville.	*114*	*17,282,271*	*31,922,862*	*2,869,808*	*5,280*	*38,686,527*
Bread and other bakery products,	28	154,834	268,800	67,867	120	429,170
Confectionery,	4	5,258	44,123	9,496	38	60,897
Jewelry,	4	414,505	215,060	144,498	372	478,624
Printing and publishing, book and job,	11	16,775	7,575	5,957	12	27,472
Other industries,	67	16,690,899	31,387,304	2,641,990	4,738	37,690,364
Springfield.	*346*	*28,657,799*	*14,363,085*	*6,867,314*	*11,855*	*31,772,815*
Automobile bodies and parts,	6	212,367	309,183	300,357	462	687,172
Automobiles,	4	1,526,197	720,632	495,145	783	2,195,648
Bookbinding and blank-book making,	4	25,219	19,355	15,574	29	43,456
Brass castings and brass finishing,	6	184,940	212,534	78,674	115	351,797
Bread and other bakery products,	27	191,444	355,806	83,059	127	611,333

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Springfield — Concluded.						
Carriages and wagons,	8	$116,453	$67,843	$56,457	82	$177,110
Confectionery,	5	305,480	558,798	119,273	326	902,547
Electrical machinery, apparatus, and supplies,	5	288,467	62,777	81,695	154	191,476
Fancy articles, not elsewhere specified,	4	33,211	22,532	18,946	39	78,119
Foundry and machine-shop products,	32	3,383,117	765,029	773,594	1,235	2,434,423
Gold and silver, leaf and foil,	3	17,770	31,415	12,250	30	51,200
Hosiery and knit goods,	4	647,567	327,853	143,487	342	584,673
Lithographing,	4	763,193	143,734	125,474	179	461,037
Lumber, planing-mill products,	7	360,862	346,289	110,492	148	549,777
Marble and stone work,	3	64,750	19,278	29,406	31	71,215
Mineral and soda waters,	6	35,678	18,985	7,192	12	51,206
Models and patterns, not including paper patterns,	5	36,197	21,932	18,439	25	55,793
Paper goods, not elsewhere specified,	7	861,436	679,128	195,760	444	1,207,149
Printing and publishing, book and job,	30	751,574	286,261	194,485	314	1,116,070
Printing and publishing, newspapers and periodicals,	13	1,986,763	556,578	330,610	503	2,280,724
Tobacco, cigars and cigarettes,	29	275,445	255,720	277,336	408	719,992
Tools, not elsewhere specified,	4	486,147	153,560	184,877	287	522,603
Other industries,	130	16,103,522	8,427,863	3,214,732	5,780	16,428,295

Taunton.	*146*	*16,503,965*	*7,774,722*	*3,833,713*	*7,407*	*15,379,821*
Bread and other bakery products,	14	81,760	137,281	42,320	69	239,407
Cotton goods,	7	6,649,840	2,901,329	1,231,678	3,041	4,912,758
Foundry and machine-shop products,	13	2,912,016	818,612	666,473	1,101	2,042,146
Lumber and timber products,	6	17,850	6,425	5,944	12	19,398
Mineral and soda waters,	4	29,600	4,112	3,536	8	14,820
Plated ware,	4	292,452	64,792	73,398	126	231,960
Pottery, terra-cotta, and fire-clay products,	5	230,324	77,900	80,062	146	226,260
Printing and publishing, book and job,	7	91,528	27,612	25,254	56	88,418
Stoves and furnaces, not including gas and oil stoves,	6	888,782	434,935	539,915	713	1,493,750
Tobacco, cigars and cigarettes,	10	19,455	18,496	13,222	26	48,005
Other industries,	70	5,290,358	3,283,228	1,151,911	2,109	6,062,899
Waltham.	*80*	*12,870,737*	*2,444,341*	*3,288,292*	*6,037*	*7,814,178*
Bread and other bakery products,	8	108,588	112,551	46,486	65	246,180
Foundry and machine-shop products,	10	654,628	125,760	190,537	305	460,846
Printing and publishing, book and job,	7	25,561	26,257	9,686	21	52,000
Other industries,	55	12,081,960	2,179,773	3,041,583	5,646	7,055,152
Woburn.	*59*	*8,405,106*	*3,114,507*	*932,274*	*1,653*	*5,408,081*
Boot and shoe cut stock,	5	101,379	86,170	47,732	132	168,199
Bread and other bakery products,	7	15,702	34,792	4,949	9	57,195
Leather, tanned, curried, and finished,	21	6,583,877	2,290,293	569,204	993	3,415,105
Printing and publishing, newspapers and periodicals,	3	24,199	6,619	7,398	16	29,070
Other industries,	23	1,679,949	696,633	302,991	503	1,738,512
Worcester.	*580*	*64,638,783*	*42,600,888*	*15,295,266*	*28,221*	*77,147,884*
Boots and shoes,	9	1,312,181	1,391,026	459,747	805	2,322,138
Brass castings and brass finishing,	3	15,925	22,085	7,236	10	37,700

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Concluded.

Cities and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Worcester — Concluded.						
Bread and other bakery products,	67	$442,048	$876,735	$206,763	413	$1,472,268
Carriages and wagons,	11	117,573	54,602	48,542	68	145,549
Clothing, men's	14	212,234	347,424	86,661	208	507,578
Clothing, women's	18	901,862	1,081,431	370,690	1,060	1,942,387
Confectionery,	4	10,705	21,488	4,846	17	41,862
Corsets,	6	1,417,824	1,061,646	516,617	1,425	2,811,282
Cutlery and edge tools,	3	194,919	72,252	82,089	173	214,579
Dyeing and finishing textiles,	3	125,009	145,775	73,867	144	295,790
Electrical machinery, apparatus, and supplies,	5	56,448	35,729	23,512	43	80,323
Electroplating,	7	27,267	7,792	19,612	35	43,725
Flavoring extracts,	3	8,293	6,504	820	2	11,666
Food preparations,	4	17,650	26,375	3,430	6	40,900
Foundry and machine-shop products,	73	10,810,208	3,915,711	3,419,620	5,679	11,000,988
Hardware,	4	965,708	333,807	154,897	446	1,180,863
Lasts,	3	163,194	74,705	74,267	102	265,637
Leather goods, not elsewhere specified,	3	67,300	56,905	21,500	60	110,575
Looking-glass and picture frames,	4	17,331	14,156	3,507	6	26,282
Lumber, planing-mill products,	8	203,268	198,467	125,026	180	407,122

Marble and stone work,	5	359,230	74,409	201,007	209	327,440
Mineral and soda waters,	7	67,178	35,376	21,832	53	83,123
Monuments and tombstones,	5	28,342	18,794	17,221	18	55,810
Paper goods, not elsewhere specified,	3	337,140	236,224	126,811	255	466,001
Patent medicines and compounds,	7	20,171	13,040	3,088	8	33,335
Photographic materials,	3	95,946	24,293	13,933	32	96,799
Plumbers' supplies,	4	72,807	52,654	12,640	21	89,362
Printing and publishing, book and job,	32	230,162	129,238	99,862	164	395,516
Printing and publishing, newspapers and periodicals,	17	301,350	227,293	268,674	371	765,319
Saddlery and harness,	5	17,458	11,679	14,935	18	41,033
Stamped and enameled ware,	9	373,504	139,899	107,140	187	368,853
Structural ironwork,	6	1,064,500	435,912	218,044	298	808,499
Tobacco, chewing and smoking, and snuff,	4	9,808	8,411	1,664	5	19,210
Tobacco, cigars and cigarettes,	16	43,861	33,226	34,923	60	97,389
Tools, not elsewhere specified,	8	446,503	141,655	158,766	236	354,826
Wirework, including wire rope and cable,	8	851,231	428,366	302,255	726	1,028,575
Woolen goods,	8	952,182	707,971	263,042	606	1,180,291
Worsted goods,	7	2,577,869	2,492,316	425,545	1,116	3,279,720
Other industries,	174	39,702,594	27,645,517	7,300,635	12,956	44,697,569
Total for the 33 cities,	**8,279**	**$935,056,640**	**$605,679,076**	**$214,765,958**	**414,437**	**$1,087,396,052**

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
METROPOLITAN BOSTON.	**5,025**	**$397,666,698**	**$284,354,062**	**$93,125,349**	**165,891**	**$510,583,337**
Artificial stone,	9	107,922	38,598	62,734	81	148,262
Automobile bodies and parts,	20	629,422	380,391	293,489	377	1,071,033
Automobiles,	4	927,409	674,451	325,919	471	1,208,976
Awnings, tents, and sails,	23	185,940	247,926	130,490	237	518,695
Baskets, and rattan and willow ware,	7	23,795	22,850	18,244	35	56,420
Belting and hose, leather	5	411,771	512,504	35,232	46	698,278
Blacking,	33	1,303,390	1,375,092	181,732	398	2,669,713
Bookbinding and blank-book making,	61	1,223,525	592,168	847,852	1,782	2,064,750
Boot and shoe cut stock,	77	7,295,029	20,590,769	971,920	1,825	23,690,044
Boot and shoe findings,	68	2,480,710	4,950,425	823,254	1,734	6,877,119
Boots and shoes,	153	25,170,524	33,014,330	14,275,420	25,688	57,890,537
Boots and shoes, rubber	5	12,944,946	8,597,947	2,893,650	5,974	15,514,400
Boxes, cigar	3	166,599	118,541	52,895	111	223,335
Boxes, fancy and paper	45	1,258,611	1,539,749	819,963	2,074	3,084,419
Boxes, wooden packing	12	1,131,309	647,769	220,289	394	1,084,476
Brass castings and brass finishing,	33	370,038	382,340	197,202	296	794,678
Brass ware,	9	1,435,805	1,225,731	384,169	595	2,013,865

Bread and other bakery products,	502	8,945,021	8,405,680	1,937,975	3,477	13,756,723
Brick and tile,	10	297,777	120,827	141,443	252	383,185
Brooms,	7	44,499	79,149	31,000	63	170,832
Brushes,	17	1,880,065	1,158,060	447,549	1,129	2,202,880
Canning and preserving, fish,	11	336,180	480,774	52,980	109	691,978
Carpets, rag	6	10,150	10,085	13,158	30	34,994
Carriage and wagon materials,	7	119,233	68,013	29,849	41	125,449
Carriages and wagons,	45	666,019	324,625	331,167	503	918,710
Chemicals,	17	2,835,041	1,856,886	481,179	734	3,600,363
Cleansing and polishing preparations,	19	218,088	254,152	36,326	69	542,654
Cloth sponging and refinishing,	4	16,550	2,556	33,096	47	63,462
Clothing, men's	193	6,297,109	7,508,469	2,288,557	4,495	14,249,869
Clothing, women's	136	2,747,656	4,757,678	1,836,945	4,069	8,703,107
Coffee and spice, roasting and grinding,	12	2,621,518	3,879,975	193,184	355	5,543,838
Coffins, burial cases, and undertakers' goods,	5	496,902	272,933	106,416	177	512,893
Confectionery,	75	5,961,003	7,384,554	1,585,456	4,911	12,405,346
Cooperage,	5	443,650	438,334	144,921	283	667,876
Copper, tin, and sheet-iron products,	77	1,281,159	1,095,032	693,911	1,022	2,527,581
Cordials and sirups,	6	149,233	244,580	12,738	53	362,608
Dairymen's, poulterers', and apiarists' supplies,	3	10,702	22,151	3,422	7	50,650
Dentists' materials,	3	54,114	333,651	16,055	27	387,448
Druggists' preparations,	12	668,266	447,367	102,421	222	1,376,167
Dyeing and finishing textiles,	8	1,424,167	465,916	400,811	846	1,402,350
Dyestuffs and extracts,	9	325,834	412,444	42,355	65	604,786
Electrical machinery, apparatus, and supplies,	52	23,381,021	7,912,411	5,882,942	10,844	19,771,888

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Metropolitan Boston — Continued.						
Electroplating,	26	$71,280	$31,647	$80,201	124	$185,905
Emery and other abrasive wheels,	3	111,540	38,118	26,843	40	101,260
Enameling,	3	40,675	7,082	11,397	18	32,689
Engraving and diesinking,	18	50,377	9,029	38,353	56	82,675
Engraving, steel and copper plate, including plate printing,	21	198,502	95,216	194,621	307	492,654
Fancy articles, not elsewhere specified,	17	281,754	204,033	111,859	277	493,704
Felt goods,	4	571,059	383,355	106,471	234	721,427
Flavoring extracts,	20	286,795	264,764	30,362	64	607,661
Flour-mill and gristmill products,	7	231,389	303,573	15,801	24	349,639
Food preparations,	23	705,731	725,080	140,960	241	1,615,228
Foundry and machine-shop products,	265	26,882,426	7,032,433	5,927,492	9,418	19,601,088
Fur goods,	12	722,717	545,551	149,316	205	936,052
Furnishing goods, men's	9	296,029	576,334	116,162	252	944,075
Furniture,	80	5,208,705	2,478,530	1,762,620	2,841	6,180,183
Gas and electric fixtures,	13	185,554	135,962	113,633	148	320,705
Gas, illuminating and heating	13	35,238,755	2,017,386	492,090	888	5,921,246
Glass, cutting, staining, and ornamenting,	25	105,843	44,103	92,633	137	223,573
Gloves and mittens, leather	5	35,789	25,845	40,676	73	95,728

Glue,	4	202,197	221,477	48,333	106	319,778
Gold and silver, leaf and foil,	8	81,836	132,262	65,087	122	230,726
Grease and tallow,	10	544,461	718,982	127,917	205	1,030,985
Hair work,	4	14,090	6,762	4,134	14	30,417
Hand stamps,	10	32,509	22,512	24,366	37	89,335
Hats and caps, other than felt, straw, and wool,	28	172,002	326,688	154,536	263	642,938
Hats, felt	5	159,747	110,728	71,330	120	273,995
Hosiery and knit goods,	29	3,039,963	2,587,552	911,246	2,395	4,953,888
House-furnishing goods, not elsewhere specified,	13	619,737	558,084	111,952	272	843,621
Instruments, professional and scientific	21	764,706	254,452	255,125	372	860,957
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	6	2,269,130	724,037	615,612	1,076	1,998,933
Japanning,	4	4,813	1,502	4,944	11	14,050
Jewelry,	42	1,143,398	783,603	487,675	970	1,804,643
Jewelry and instrument cases,	7	160,312	106,850	68,096	199	249,784
Labels and tags,	4	66,685	22,189	19,878	41	75,274
Lamps and reflectors,	4	110,512	148,312	52,337	74	273,186
Lasts,	8	584,826	167,455	152,423	179	512,129
Leather goods, not elsewhere specified,	33	505,851	638,775	211,847	474	1,152,064
Leather, tanned, curried, and finished	49	12,021,842	10,309,322	1,679,285	3,229	13,870,982
Liquors, malt	21	13,460,765	1,966,754	1,025,973	1,132	7,575,269
Lithographing,	7	1,080,144	534,185	587,001	837	1,712,730
Looking-glass and picture frames,	26	325,217	204,403	114,047	175	538,595
Lumber, planing-mill products,	95	2,359,094	2,105,300	1,094,373	1,550	4,324,450

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Metropolitan Boston — Continued.						
Marble and stone work,	53	$2,073,175	$775,897	$1,041,654	1,371	$2,482,130
Mattresses and spring beds,	34	659,809	1,072,865	257,646	515	1,818,305
Millinery and lace goods,	67	1,478,094	2,147,694	636,167	1,604	3,748,479
Mineral and soda waters,	52	902,056	459,138	148,002	220	1,162,524
Mirrors,	5	143,719	215,208	66,306	104	385,377
Models and patterns, not including paper patterns,	37	176,581	71,348	150,461	216	370,133
Monuments and tombstones,	136	1,309,781	836,635	864,260	1,203	2,351,765
Mucilage and paste,	12	572,162	971,042	37,444	55	1,254,266
Musical instruments and materials, not specified,	10	111,115	58,575	59,663	91	191,478
Musical instruments, organs,	5	270,625	109,547	110,182	125	307,696
Musical instruments, pianos,	16	7,488,666	1,869,762	1,290,607	1,892	4,577,039
Musical instruments, piano and organ materials,	13	901,335	655,414	366,793	746	1,261,168
Oil, not elsewhere specified,	6	575,904	1,691,743	132,784	223	2,068,154
Paints,	15	1,298,265	1,345,071	178,026	315	2,212,616
Paper goods, not elsewhere specified,	18	339,803	187,026	78,245	158	387,586
Patent medicines and compounds,	77	2,189,636	1,306,403	289,417	584	3,570,562
Perfumery and cosmetics,	12	288,591	258,623	36,312	86	596,165

Photo-engraving,	20	379,302	139,352	325,712	406	791,479
Pickles, preserves, and sauces,	15	674,693	927,832	93,772	217	1,315,179
Plumbers' supplies,	11	404,748	334,493	148,366	255	621,721
Pottery, terra-cotta, and fire-clay products,	8	871,430	91,633	156,730	283	374,906
Printing and publishing, book and job,	417	9,282,042	3,376,757	3,141,902	4,948	12,825,004
Printing and publishing, music,	10	324,720	74,059	59,943	102	467,195
Printing and publishing, newspapers and periodicals,	237	10,375,166	4,375,977	3,267,400	3,644	16,579,478
Printing materials,	6	95,410	45,942	19,370	28	114,655
Refrigerators,	9	199,583	145,652	76,976	87	343,516
Regalia and society badges and emblems,	7	47,315	54,008	9,893	27	99,975
Roofing materials,	4	268,654	174,827	19,600	33	277,982
Rubber goods, not elsewhere specified,	11	4,116,789	4,487,815	706,941	1,373	5,805,775
Saddlery and harness,	15	75,162	74,491	50,342	73	174,901
Sausage, not made in slaughtering and meat-packing establishments,	19	221,685	613,895	100,443	160	887,063
Screws, machine	6	150,074	82,240	63,162	111	207,730
Shipbuilding, wooden, including boat building,	41	734,335	472,286	424,150	597	1,185,104
Shirts,	14	256,223	593,612	135,359	341	908,026
Shoddy,	3	292,555	268,591	39,635	81	376,019
Show cases,	7	40,707	61,597	30,805	38	128,138
Signs and advertising novelties,	9	89,685	96,629	47,989	80	239,872
Silk and silk goods, including throwsters,	5	385,355	429,238	175,488	485	759,540
Silversmithing and silverware,	5	51,936	73,891	73,177	100	203,353
Slaughtering and meat packing, wholesale,	9	10,848,542	25,178,723	1,051,205	2,047	28,167,188
Slaughtering, wholesale, not including meat packing,	13	1,775,619	5,852,730	278,995	395	6,654,988
Soap,	25	2,196,412	1,955,689	189,197	385	3,690,126

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1909 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Concluded.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Metropolitan Boston — Concluded.						
Sporting and athletic goods,	5	$53,416	$238,550	$20,361	34	$360,701
Stamped and enameled ware,	7	468,066	229,437	148,895	355	527,937
Stationery goods, not elsewhere specified,	5	207,848	336,302	150,459	375	735,553
Statuary and art goods,	15	191,542	46,477	125,367	153	287,675
Steam fittings and heating apparatus,	15	4,422,676	1,331,018	1,222,337	1,889	3,549,460
Steam packing,	9	133,782	71,142	36,065	58	176,807
Stencils and brands,	8	21,466	15,756	14,186	22	52,963
Stereotyping and electrotyping,	6	151,031	81,086	142,791	172	350,706
Structural ironwork,	26	2,035,647	1,519,004	705,035	1,007	2,780,054
Surgical appliances,	8	133,658	77,303	60,052	117	225,999
Suspenders, garters, and elastic woven goods,	17	2,112,556	2,770,318	644,214	1,482	4,536,399
Tinware,	14	3,418,592	904,106	284,176	596	1,565,638
Tobacco, cigars and cigarettes,	186	2,740,001	2,094,346	1,818,330	2,387	5,651,424
Tools, not elsewhere specified,	24	827,293	453,870	213,837	346	1,049,230
Trunks and valises,	15	315,560	398,095	131,382	258	676,444
Upholstering materials,	6	280,250	353,400	57,154	118	477,883
Varnishes,	12	453,388	360,857	34,660	54	690,947

Watch and clock materials,	5	107,521	48,735	91,777	159	212,716
Window shades and fixtures,	10	173,888	479,878	61,799	111	667,275
Wirework, including wire rope and cable,	11	76,703	80,619	69,127	104	212,852
Wood, turned and carved	18	132,079	19,074	26,948	42	88,335
Wooden goods, not elsewhere specified,	8	136,343	162,344	56,702	92	269,172
Worsted goods,	4	3,326,596	2,682,100	394,955	862	3,554,727
All other industries,	287	81,562,878	45,168,185	13,464,902	24,146	76,987,235

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

D. METROPOLITAN BOSTON — 1909.

[Arranged in order of Product Value.]

Cities and Towns.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
METROPOLITAN BOSTON.	**5,025**	**$397,666,698**	**$284,354,062**	**$93,125,349**	**165,891**	**$510,583,337**
Boston,	3,155	175,181,571	124,577,155	39,909,807	69,637	237,457,472
Lynn,	431	42,784,070	41,361,087	15,665,818	27,368	71,503,140
Cambridge,	275	37,928,906	23,565,657	8,365,454	15,260	44,227,395
Somerville,	114	17,282,271	31,922,862	2,869,808	5,280	38,686,527
Chelsea,	110	11,020,840	10,568,746	3,326,255	5,954	17,002,492
Watertown,	25	7,220,006	6,462,761	2,235,005	4,335	11,545,555
Quincy,	183	11,974,782	3,843,867	3,433,640	5,492	10,505,403
Everett,	62	22,904,539	4,506,266	1,507,848	2,680	8,746,923
Malden,	86	9,910,489	4,387,552	1,346,452	2,900	8,205,852
Waltham,	80	12,870,737	2,444,341	3,288,292	6,037	7,814,178
Hyde Park,	40	8,158,338	3,351,227	2,475,875	4,320	7,336,084
Weymouth,	41	5,503,936	4,204,440	1,109,935	1,991	6,627,168
Newton,	46	5,669,439	3,383,489	1,125,288	2,174	6,278,714
Wakefield,	23	3,864,496	2,834,960	1,045,960	2,230	5,527,102
Woburn,	59	8,405,106	3,114,507	932,274	1,653	5,408,081
Winchester,	17	2,504,486	2,806,728	527,790	947	4,094,684
Braintree,	18	1,547,401	1,980,730	836,779	1,495	3,562,147
Stoneham,	27	1,466,514	2,106,840	569,542	1,255	3,247,645

Melrose,	25	2,014,905	1,588,707	492,882	1,038	2,824,669
Medford,	40	1,595,568	1,249,874	331,101	560	2,045,289
Canton,	15	1,667,776	764,798	282,600	549	1,633,804
Needham,	18	1,065,148	691,587	294,240	609	1,432,240
Arlington,	19	777,613	310,930	177,204	283	695,356
Dedham,	16	478,820	352,220	216,300	488	669,059
Wellesley,	7	535,452	407,692	98,097	217	606,586
Saugus,	7	688,760	424,571	70,634	165	590,799
Brookline,	16	616,841	196,048	194,483	340	532,303
Milton,	12	627,418	138,399	154,627	218	413,457
Revere,	14	661,166	292,263	54,092	101	407,336
Lexington,	10	236,010	177,073	51,521	86	303,224
Hingham,	4	109,231	155,590	14,717	40	213,415
Belmont,	4	67,706	59,329	26,946	59	109,247
Winthrop,	7	25,479	24,994	4,751	7	42,168
Swampscott,	6	25,888	14,547	6,272	14	35,276
Westwood,	3	4,780	2,718	2,350	3	7,106
Other towns,[1]	10	270,210	79,507	80,710	106	245,441

[1] Includes the towns cf Cohasset, Dover, Hull, Nahant, and Weston.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

E. FOR 118 TOWNS: BY INDUSTRIES.

[For towns other than those given below, the figures cannot be presented without disclosing the operations of individual establishments.]

Towns and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Abington,	17	$2,305,989	$2,687,292	$1,023,882	1,872	$4,423,819
Acton,	16	703,246	256,876	109,177	213	574,212
Adams,	31	8,018,545	3,082,012	1,718,679	3,991	6,410,054
Agawam,	5	490,775	183,433	72,158	147	483,730
Amesbury,	*74*	*3,302,066*	*2,585,334*	*1,295,531*	*2,409*	*4,782,761*
Automobile bodies and parts,	15	837,134	654,632	428,359	575	1,456,455
Bread and other bakery products,	6	8,548	35,900	7,926	15	50,314
Carriage and wagon materials,	8	106,806	54,332	25,656	37	110,314
Carriages and wagons,	8	267,061	148,031	58,700	100	260,022
Shipbuilding, wooden, including boat building,	8	123,617	97,358	41,066	65	185,994
Other industries,	29	1,958,900	1,595,081	733,824	1,617	2,719,662
Amherst,	21	840,265	605,039	240,323	478	1,253,680
Andover,	9	2,616,705	1,949,315	570,339	1,221	3,357,313
Arlington,	19	777,613	310,930	177,204	283	695,356
Ashburnham,	15	808,572	280,420	170,029	335	579,370
Athol,	40	3,125,832	1,539,065	1,077,768	2,133	3,883,589
Attleborough,	*128*	*14,304,864*	*6,812,830*	*3,763,100*	*6,429*	*15,160,359*
Electroplating,	5	233,927	88,741	94,773	234	308,889
Jewelry,	69	6,679,690	2,897,208	2,011,457	3,308	7,396,558
Tools, not elsewhere specified,	5	204,197	116,995	86,162	179	296,304
Other industries,	49	7,187,050	3,709,886	1,570,708	2,708	7,158,608

Auburn,	4	958,539	656,487	125,225	317	921,170
Ayer,	19	550,727	314,900	162,788	321	670,300
Becket,	11	312,510	130,585	85,890	181	269,382
Belmont,	4	67,706	59,329	26,946	59	109,247
Billerica,	9	2,153,172	1,723,835	326,580	736	2,671,046
Braintree,	18	1,547,401	1,980,730	836,779	1,495	3,562,147
Bridgewater,	17	1,733,719	3,209,954	820,866	1,438	4,616,263
Brookline,	16	616,841	196,048	194,483	340	532,303
Canton,	15	1,667,776	764,798	282,600	549	1,633,804
Chelmsford,	14	3,839,700	2,356,321	444,533	1,059	3,316,381
Cheshire,	6	291,303	213,130	107,791	196	416,688
Chester,	13	261,774	154,070	36,369	79	256,616
Clinton,	*39*	*7,606,573*	*4,216,144*	*1,872,031*	*4,123*	*7,844,543*
Bread and other bakery products,	9	15,385	44,559	11,044	22	76,765
Foundry and machine-shop products,	4	141,058	79,576	55,285	114	163,466
Tobacco, cigars and cigarettes,	3	5,418	2,560	–	–	6,175
Worsted goods,	4	597,705	535,429	171,842	352	816,237
Other industries,	19	6,847,007	3,554,020	1,633,860	3,635	6,781,900
Dalton,	13	1,795,190	742,379	362,903	735	1,795,104
Danvers,	*37*	*3,867,236*	*2,041,772*	*533,540*	*1,113*	*3,129,543*
Boots and shoes,	7	322,989	443,316	161,915	367	785,602
Leather, tanned, curried, and finished,	5	2,699,868	1,013,835	127,115	209	1,213,721
Other industries,	25	844,379	584,621	244,510	537	1,130,220
Dedham,	16	478,820	352,220	216,300	488	669,059
Deerfield,	8	197,753	157,594	91,972	143	322,634
Dighton,	9	284,923	205,347	220,046	391	615,852

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

E. FOR 118 TOWNS: BY INDUSTRIES — Continued.

Towns and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Douglas,	5	$1,437,798	$577,011	$260,136	591	$1,062,796
Dudley,	8	1,408,170	943,914	462,737	1,116	1,638,754
Easthampton,	26	6,143,795	4,994,889	1,407,257	2,988	8,466,082
Easton,	15	2,740,801	446,002	259,452	464	1,089,249
Erving,	4	1,243,675	432,540	294,476	558	1,006,224
Foxborough,	16	727,979	493,141	295,844	515	1,029,431
Framingham,	27	7,770,084	3,411,306	1,446,421	3,069	6,916,864
Franklin,	25	2,023,009	1,870,813	542,398	939	3,015,635
Gardner,	*52*	*10,272,673*	*2,833,076*	*1,774,406*	*3,617*	*6,485,148*
Bread and other bakery products,	5	24,775	30,407	11,492	17	53,518
Foundry and machine-shop products,	7	223,349	67,751	59,848	100	173,695
Furniture,	16	8,954,183	2,059,412	1,418,871	2,928	4,908,877
Other industries,	24	1,070,366	675,506	284,195	572	1,349,058
Georgetown,	9	184,358	264,131	82,665	176	408,297
Grafton,	13	2,198,958	1,803,151	629,779	1,347	3,056,216
Great Barrington,	22	3,007,600	1,392,426	433,467	1,051	2,318,866
Greenfield,	*47*	*2,520,280*	*1,033,799*	*700,884*	*1,251*	*2,801,011*
Foundry and machine-shop products,	5	165,062	44,050	45,237	75	157,997
Printing and publishing, book and job,	5	17,245	4,936	4,711	11	17,159

Tobacco, cigars and cigarettes,	3	5,465	4,548	1,416	3	10,658
Tools, not elsewhere specified,	10	1,130,356	345,954	356,207	612	1,276,339
Other industries,	24	1,202,152	634,311	293,313	550	1,338,858
Groton,	7	849,870	476,574	109 967	151	715,040
Hanover,	11	854,402	693,519	138,662	298	1,017,390
Hingham,	4	109,231	155,590	14,717	40	213,415
Holden,	5	325,366	124,647	39,775	90	280,068
Hudson,	*28*	*3,335,608*	*3,920,823*	*952,650*	*1,901*	*5,741,556*
Boots and shoes,	3	1,148,577	1,839,098	468,643	924	2,639,179
Foundry and machine-shop products,	5	176,758	38,289	39,903	64	132,964
Other industries,	20	2,010,273	2,043,436	444,104	913	2,969,413
Hyde Park,	40	8,158,338	3,351,227	2,475,875	4,320	7,336,084
Kingston,	11	225,016	165,921	79,176	139	311,428
Lee,	20	1,359,987	638,104	400,438	798	1,521,351
Leicester,	*10*	*1,162,687*	*948,835*	*362,860*	*764*	*1,544,111*
Foundry and machine-shop products,	3	220,038	52,347	30,788	49	124,437
Woolen goods,	7	942,649	896,488	332,072	715	1,419,674
Leominster,	*94*	*6,633,474*	*5,576,259*	*2,793,609*	*5,601*	*10,530,815*
Bread and other bakery products,	5	26,518	53,958	22,672	29	102,300
Combs and hairpins,	27	1,273,476	1,864,646	881,885	1,870	3,441,208
Fancy articles, not elsewhere specified,	5	252,342	285,507	131,058	275	528,313
Foundry and machine-shop products,	5	51,232	11,804	19,222	26	48,152
Other industries,	52	5,029,906	3,360,344	1,738,772	3,401	6,410,842
Lexington,	10	236,010	177,073	51,521	86	303,224

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

E. FOR 118 TOWNS: BY INDUSTRIES — Continued.

Towns and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Mansfield,	30	$1,784,008	$1,471,129	$468,611	865	$2,735,513
Marblehead,	*36*	*658,064*	*746,390*	*402,358*	*862*	*1,396,528*
Boots and shoes,	16	324,246	609,297	312,585	723	1,055,650
Bread and other bakery products,	5	14,243	29,170	8,842	14	49,256
Shipbuilding, wooden, including boat building,	5	132,339	53,529	51,924	62	153,883
Other industries,	10	187,236	54,394	29,007	63	137,739
Medway,	11	309,996	441,280	187,281	380	775,574
Merrimac,	15	430,128	338,604	204,059	370	719,589
Methuen,	19	2,956,246	2,225,516	688,976	1,572	3,475,702
Middleborough,	34	2,604,538	3,568,004	998,197	1,861	5,485,542
Milford,	*53*	*1,756,146*	*2,389,272*	*945,179*	*1,801*	*4,442,140*
Boots and shoes,	4	599,227	1,213,561	368,773	720	1,948,256
Bread and other bakery products,	5	10,050	49,239	13,700	19	84,950
Foundry and machine-shop products,	6	102,697	104,747	66,599	130	256,191
Tobacco, cigars and cigarettes,	7	41,200	25,998	29,152	48	108,659
Other industries,	31	1,002,972	995,727	466,955	884	2,044,084
Millbury,	24	1,626,846	848,171	361,894	709	1,576,603
Millis,	7	975,568	991,275	240,855	407	1,504,421
Milton,	12	627,418	138,399	154,627	218	413,457
Monson,	15	1,280,359	724,514	356,771	655	1,411,808
Montague,	*24*	*3,613,674*	*1,245,874*	*588,634*	*1,258*	*2,474,378*
Paper and wood pulp,	3	2,789,173	895,934	255,720	492	1,570,037
Other industries,	21	824,501	349,940	332,914	766	904,341

Natick,	*37*	*1,985,605*	*2,685,470*	*711,841*	*1,366*	*3,901,672*
Boots and shoes,	10	1,527,546	2,298,296	516,532	949	3,112,886
Other industries,	27	457,959	385,174	195,309	417	788,786
Needham,	*18*	*1,065,148*	*691,587*	*294,240*	*609*	*1,432,240*
Hosiery and knit goods,	8	989,160	602,689	265,606	547	1,270,406
Other industries,	10	75,988	88,898	28,634	62	161,834
North Andover,	13	2,339,034	1,991,713	671,254	1,413	3,032,832
North Attleborough,	*71*	*6,640,347*	*2,106,980*	*1,954,211*	*2,893*	*6,420,048*
Jewelry,	40	4,806,292	1,306,417	1,421,473	2,221	4,444,317
Other industries,	31	1,834,055	800,563	532,738	672	1,975,731
North Brookfield,	11	925,071	598,890	191,075	427	1,035,032
Northbridge,	15	5,822,773	2,784,999	2,069,361	3,673	6,372,100
Norton,	*18*	*1,014,475*	*244,993*	*246,936*	*483*	*664,566*
Jewelry,	6	204,929	108,175	93,572	203	269,070
Other industries,	12	809,546	136,818	153,364	280	395,495
Norwood,	18	5,701,708	2,649,045	1,096,728	1,850	5,005,783
Orange,	26	2,833,582	1,023,135	649,298	1,199	2,395,629
Oxford,	11	1,064,694	805,959	299,843	649	1,361,399
Palmer,	20	2,484,068	2,882,365	1,072,002	2,507	4,780,315
Peabody,	*74*	*15,804,274*	*10,192,087*	*2,638,162*	*4,850*	*15,548,732*
Boot and shoe cut stock,	5	51,574	35,444	23,597	64	77,974
Bread and other bakery products,	3	26,947	77,791	25,590	35	125,943
Carriages and wagons,	3	35,500	10,984	13,793	19	33,215
Grease and tallow,	3	138,078	79,976	19,663	31	133,834
Leather, tanned, curried, and finished,	34	12,322,176	8,756,364	1,978,628	3,499	12,893,653
Other industries,	26	3,229,999	1,231,528	576,891	1,202	2,284,113

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

E. FOR 118 TOWNS: BY INDUSTRIES — Continued.

Towns and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Pepperell,	13	$1,086,109	$1,515,880	$294,870	609	$2,022,768
Plainville,	8	516,330	190,795	236,478	337	676,134
Plymouth,	32	10,759,978	8,475,294	1,415,528	2,912	11,618,020
Randolph,	14	489,564	893,717	211,362	366	1,239,171
Reading,	20	833,694	1,252,111	213,492	408	1,929,632
Revere,	14	661,166	292,263	54,092	101	407,336
Rockland,	*22*	*2,235,668*	*3,483,328*	*1,157,729*	*1,800*	*5,504,710*
Boots and shoes,	5	1,760,658	2,901,634	1,032,740	1,588	4,658,213
Other industries,	17	475,010	581,694	124,989	212	846,497
Rockport,	18	950,881	407,840	281,926	462	845,260
Rowley,	13	222,823	274,088	84,582	196	422,253
Saugus,	7	688,760	424,571	70,634	165	590,799
Shelburne,	12	177,644	54,515	38,783	91	170,678
Shirley,	9	1,272,101	799,130	228,513	533	1,627,427
South Hadley,	13	1,548,204	705,778	258,908	537	1,342,254
Southbridge,	36	4,266,335	3,124,755	1,804,910	4,037	6,269,131
Spencer,	21	1,556,091	2,800,187	852,944	1,706	4,153,452
Stoneham,	27	1,466,514	2,106,840	569,542	1,255	3,247,646

Stoughton,	22	1,635,313	1,623,451	604,863	1,084	2,837,925
Swampscott,	6	25,888	14,547	6,272	14	35,276
Templeton,	17	1,483,573	643,877	328,431	665	1,304,323
Townsend,	11	455,688	187,258	119,933	268	410,012
Uxbridge,	13	1,286,416	1,155,176	392,367	855	1,816,549
Wakefield,	23	3,864,496	2,834,960	1,045,960	2,230	5,527,102
Walpole,	15	5,510,566	2,586,618	873,918	1,471	5,917,742
Ware,	25	2,255,933	2,338,784	1,013,744	2,515	4,060,895
Wareham,	16	674,540	437,059	242,915	432	833,176
Warren,	13	1,819,556	1,247,138	539,619	1,231	2,123,518
Watertown,	25	7,220,006	6,462,761	2,235,005	4,335	11,545,555
Webster,	23	10,479,435	7,819,757	1,476,146	3,409	11,296,271
Wellesley,	7	535,452	407,692	98,097	217	606,586
West Springfield,	15	3,068,304	1,326,506	976,034	1,612	3,155,745
Westborough,	19	663,600	944,880	305,285	589	1,544,030
Westfield,	*91*	*7,499,794*	*2,867,640*	*1,695,204*	*3,060*	*7,361,528*
Bread and other bakery products,	7	26,090	42,143	15,144	26	75,952
Tobacco, cigars and cigarettes,	19	229,143	182,759	110,076	209	406,532
Whips,	25	2,698,215	986,826	466,705	959	2,626,907
Other industries,	40	4,546,346	1,655,912	1,103,279	1,866	4,252,137
Westford,	*14*	*1,689,821*	*1,809,794*	*395,022*	*841*	*2,499,991*
Marble and stone work,	10	102,000	20,063	123,453	190	190,430
Other industries,	4	1,587,821	1,789,731	271,569	651	2,309,561
Westwood,	3	4,780	2,718	2,350	3	7,106

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

E. FOR 118 TOWNS: BY INDUSTRIES — Concluded.

Towns and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Weymouth,	*41*	*$5,503,936*	*$4,204,440*	*$1,109,935*	*1,991*	*$6,627,168*
Boots and shoes,	7	1,683,015	2,232,680	796,713	1,322	3,479,447
Other industries,	34	3,820,921	1,971,760	313,222	669	3,147,721
Whitman,	20	2,088,591	3,414,213	1,347,139	2,070	5,754,033
Williamsburg,	15	517,413	263,899	218,781	509	632,798
Winchendon,	25	2,222,070	1,305,030	557,554	1,327	2,326,303
Winchester,	17	2,504,486	2,806,728	527,790	947	4,094,684
Winthrop,	7	25,479	24,994	4,751	7	42,168
Wrentham,	7	195,215	149,492	72,168	144	252,899
All other towns,	872	55,908,731	31,128,752	11,976,533	24,760	56,326,299
Totals for the towns,	3,405	$344,629,918	$225,085,867	$86,407,506	170,122	$403,133,334

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Barnstable.	*60*	*$1,734,947*	*$2,180,821*	*$342,528*	*441*	*$2,959,791*
All industries,	60	1,734,947	2,180,821	342,528	441	2,959,791
Berkshire.	*313*	*48,049,375*	*21,529,319*	*9,940,213*	*19,802*	*40,765,311*
Artificial stone,	3	8,668	3,894	881	2	7,073
Bread and other bakery products,	35	309,494	596,025	139,787	266	945,755
Butter,	4	14,863	62,474	2,564	5	74,999
Cotton goods,	11	11,499,656	5,128,195	2,514,144	6,012	9,566,921
Flour-mill and gristmill products,	20	210,983	278,878	16,412	30	330,630
Foundry and machine-shop products,	14	757,879	292,682	246,620	372	736,641
Hosiery and knit goods,	5	612,291	405,408	153,646	351	867,333
Lime,	9	1,307,199	337,134	303,906	557	864,330
Lumber and timber products,	50	298,461	134,710	131,493	283	411,921
Lumber, planing-mill products,	7	235,802	184,941	66,571	90	298,790
Marble and stone work,	6	386,394	46,683	106,274	203	210,200
Mineral and soda waters,	6	92,825	5,835	7,267	13	22,675
Monuments and tombstones,	3	60,541	34,352	29,634	68	78,600
Paper and wood pulp,	14	5,005,564	1,863,596	793,785	1,673	4,155,983
Printing and publishing, book and job,	16	100,370	43,222	45,840	106	142,269

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES — Continued.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Berkshire — Concluded.						
Printing and publishing, newspapers and periodicals,	8	$125,719	$45,336	$56,969	85	$196,920
Tobacco, cigars and cigarettes,	15	41,466	35,323	35,560	59	102,057
Vinegar and cider,	9	32,808	4,273	2,965	6	19,405
Woolen goods,	9	3,130,275	2,411,278	918,510	1,839	4,238,987
Worsted goods,	5	1,917,520	1,764,457	621,849	1,227	2,908,598
Other industries,	64	21,900,597	7,850,623	3,745,536	6,555	14,585,224
Bristol.	*981*	*187,747,036*	*84,361,194*	*39,231,013*	*83,767*	*161,987,385*
Artificial stone,	7	11,511	9,644	5,965	11	25,841
Awnings, tents, and sails,	4	33,575	27,654	17,283	24	64,530
Baskets, and rattan and willow ware,	5	8,200	2,655	8,000	16	19,436
Bookbinding and blank-book making,	4	62,703	31,774	21,275	52	82,707
Boot and shoe findings,	3	156,701	55,523	39,717	93	150,427
Boots and shoes,	5	167,176	765,310	264,995	479	1,223,225
Boxes, fancy and paper	4	150,938	88,651	67,425	165	214,998
Boxes, wooden packing	6	581,211	240,523	102,381	217	434,851
Brass castings and brass finishings,	3	27,636	17,909	12,326	16	37,203
Bread and other bakery products,	143	646,100	1,271,292	367,053	628	2,244,730
Carriages and wagons,	17	229,370	96,867	87,339	142	281,074
Cars and general shop construction and repairs by street railroad companies,	6	300,477	65,984	73,606	113	151,617

Confectionery,	8	921,543	993,473	95,959	165	1,527,676
Cooperage,	3	10,575	12,206	4,405	7	23,200
Copper, tin, and sheet-iron products,	12	76,647	70,395	50,669	84	162,335
Cordage and twine,	10	1,581,022	739,092	166,086	503	1,172,235
Cotton goods,	71	120,664,928	54,036,492	23,599,638	55,915	96,587,177
Cotton small wares,	8	520,327	345,115	107,341	285	551,392
Dyeing and finishing textiles,	14	11,368,019	2,475,203	1,478,066	2,889	6,173,816
Electroplating,	9	301,600	114,490	118,674	271	390,065
Enameling,	5	75,321	129,619	33,283	73	240,732
Engraving and diesinking,	10	44,916	8,648	28,757	54	78,657
Flour-mill and gristmill products,	13	169,081	303,997	7,903	14	336,730
Foundry and machine-shop products,	71	7,393,683	2,363,828	1,856,827	3,178	5,928,873
Furniture,	4	10,759	20,218	17,368	34	53,417
Gas, illuminating and heating,	6	2,924,183	331,079	107,003	238	1,031,784
Glass, cutting, staining, and ornamenting,	3	59,230	28,498	25,190	44	87,976
Gold and silver, reducing and refining, not from the ore,	6	550,625	1,096,155	55,670	75	1,338,218
Grease and tallow,	5	320,765	271,900	55,270	96	469,560
Jewelry,	121	12,127,834	4,599,370	3,694,460	6,107	12,705,907
Leather goods, not elsewhere specified,	3	16,900	19,919	8,960	22	45,240
Liquors, malt	5	1,447,161	172,273	77,413	110	572,394
Lumber and timber products,	40	260,044	184,574	89,469	180	411,746
Lumber, planing-mill products,	14	301,817	365,626	104,869	157	573,988
Marble and stone work,	13	124,083	27,760	108,954	162	213,794
Millinery and lace goods,	3	13,074	24,377	4,084	13	35,588
Mineral and soda waters,	16	225,012	108,544	42,803	74	265,032

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES — Continued.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Bristol — Concluded.						
Models and patterns, not including paper patterns,	4	$7,424	$4,315	$5,197	9	$16,328
Monuments and tombstones,	12	80,022	31,983	33,926	42	96,717
Oil, not elsewhere specified,	4	462,160	448,090	32,729	58	600,457
Patent medicines and compounds,	6	26,266	23,552	3,314	8	70,088
Plated ware,	5	518,990	152,791	196,849	343	503,515
Pottery, terra-cotta, and fire-clay products,	8	276,012	85,278	92,576	169	252,766
Printing and publishing, book and job,	33	216,349	93,780	88,902	163	284,944
Printing and publishing, newspapers and periodicals,	20	717,532	164,263	290,830	405	741,091
Sausage, not made in slaughtering and meat-packing establishments,	11	43,506	214,958	18,720	33	263,531
Shipbuilding, wooden, including boat building,	11	91,672	20,216	26,037	43	61,750
Silversmithing and silverware,	8	4,702,536	1,722,144	1,181,318	1,598	4,263,132
Stoves and furnaces, not including gas and oil stoves,	8	985,668	455,580	557,811	744	1,542,523
Tobacco, cigars and cigarettes,	20	37,151	35,206	25,237	47	100,019
Tools, not elsewhere specified,	17	3,999,503	822,690	804,125	1,323	2,498,842
Vinegar and cider,	5	13,870	1,568	1,696	4	10,267
Other industries,	129	11,683,628	8,568,143	2,865,260	6,072	14,773,244
Dukes.	*12*	*98,558*	*17,879*	*12,421*	*18*	*50,446*
All industries,	12	98,558	17,879	12,421	18	50,446

Essex.	*1,730*	*202,761,033*	*154,369,209*	*52,924,462*	*102,566*	*265,991,858*
Artificial stone,	3	25,458	4,405	2,513	7	11,268
Automobile bodies and parts,	20	1,333,858	973,624	621,856	921	2,093,005
Awnings, tents, and sails,	11	127,047	115,084	50,155	79	207,338
Blacking,	16	200,479	287,800	33,826	51	569,483
Bookbinding and blank-book making,	3	6,014	4,266	4,036	10	13,693
Boot and shoe cut stock,	124	5,286,771	11,730,691	878,021	1,839	14,245,380
Boot and shoe findings,	140	3,348,460	5,246,805	1,163,484	2,573	7,995,362
Boots and shoes,	307	26,198,855	40,631,191	17,160,363	29,989	70,724,831
Boxes, fancy and paper	21	512,047	690,812	321,938	679	1,314,013
Boxes, wooden packing	17	1,207,913	1,255,078	341,355	702	1,817,819
Brass castings and brass finishing,	8	58,833	48,200	28,902	48	98,102
Bread and other bakery products,	163	857,904	1,803,575	457,822	754	2,948,653
Brick and tile,	10	125,072	31,620	40,387	77	116,293
Brooms,	3	15,148	21,093	6,209	10	34,727
Brushes,	3	9,707	11,250	5,392	12	23,393
Canning and preserving, fish,	25	2,895,722	3,011,167	463,803	1,021	4,554,402
Carpets, rag	4	9,525	1,804	5,157	12	12,111
Carriage and wagon materials,	10	353,063	150,036	72,361	120	323,005
Carriages and wagons,	40	657,864	321,826	192,660	314	691,079
Clothing, men's	11	197,177	277,594	68,408	207	421,890
Clothing, women's	8	142,349	152,979	56,582	179	262,289
Confectionery,	5	88,223	74,140	27,702	62	120,914
Copper, tin, and sheet-iron products,	5	98,702	71,441	25,323	57	143,942
Cotton goods,	11	16,133,680	7,747,774	3,485,842	8,571	13,577,331
Cutlery and edge tools,	3	12,512	5,960	13,022	16	34,113

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES — Continued.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Essex — Concluded.						
Electrical machinery, apparatus, and supplies,	11	$16,750,216	$4,984,815	$4,454,459	8,042	$12,691,482
Flavoring extracts,	4	26,360	28,462	5,772	14	52,800
Flour-mill and gristmill products,	12	333,856	783,073	18,423	37	893,301
Food preparations,	11	226,992	152,285	25,418	57	259,667
Foundry and machine-shop products,	100	10,846,532	2,508,251	3,361,833	5,012	8,723,223
Gas, illuminating and heating,	10	5,933,113	565,326	285,664	491	1,621,162
Glue,	8	1,926,641	928,305	172,580	398	1,562,437
Grease and tallow,	8	257,476	142,266	30,482	48	233,142
Hardware,	3	241,577	138,541	73,218	130	294,991
Hats, wool	3	759,568	676,941	333,296	677	1,293,123
Jewelry,	3	21,738	6,969	2,950	7	26,126
Lamps and reflectors,	3	334,634	452,918	203,739	380	778,145
Lasts,	10	319,303	144,064	120,490	156	447,995
Leather goods, not elsewhere specified,	7	113,698	90,006	39,488	91	176,403
Leather, tanned, curried, and finished,	73	20,238,210	16,398,982	3,076,497	5,975	22,937,499
Liquors, malt	4	303,871	120,479	46,631	49	413,979
Lumber and timber products,	11	64,138	27,035	14,681	33	65,037
Lumber, planing-mill products,	23	1,154,880	1,267,649	368,027	587	1,968,454

Marble and stone work,	13	1,247,932	148,499	454,848	760	759,060
Mattresses and spring beds,	4	13,925	35,491	8,136	17	54,900
Mineral and soda waters,	19	115,582	46,184	37,682	58	157,047
Models and patterns, not including paper patterns,	18	103,831	42,044	76,429	121	226,959
Monuments and tombstones,	18	116,763	47,564	58,259	75	158,171
Mucilage and paste,	5	163,988	279,383	6,658	12	334,941
Oil, not elsewhere specified,	3	34,849	33,962	2,578	3	47,500
Paints,	7	243,500	93,492	16,429	23	174,682
Paper and wood pulp,	5	3,591,157	2,275,060	429,901	879	3,479,150
Patent medicines and compounds,	14	1,077,979	217,593	41,965	84	998,888
Printing and publishing, book and job,	64	379,189	202,783	169,554	314	574,954
Printing and publishing, newspapers and periodicals,	40	765,926	253,954	300,482	494	1,086,144
Saddlery and harness,	4	26,506	20,097	9,391	15	39,433
Sausage, not made in slaughtering and meat-packing establishments,	5	52,791	63,102	10,637	16	98,473
Shipbuilding, wooden, including boat building,	45	455,112	246,047	153,389	216	558,157
Shirts,	3	10,498	8,794	7,583	21	25,618
Slaughtering, wholesale, not including meat packing,	5	104,956	362,003	15,516	22	403,549
Soap,	4	496,353	618,089	54,379	104	858,555
Steam fittings and heating apparatus,	3	97,919	33,689	34,022	53	108,173
Tobacco, cigars and cigarettes,	24	26,373	31,511	24,782	53	88,598
Tools, not elsewhere specified,	6	11,819	2,784	1,942	4	11,004
Vinegar and cider,	9	43,573	18,937	6,452	11	43,800
Wood, turned and carved,	8	489,341	158,737	118,767	309	349,632
Woolen goods,	10	4,895,525	2,741,487	911,443	1,903	4,679,410
Worsted goods,	17	56,882,710	34,440,550	8,872,471	20,243	58,897,594
Other industries,	102	11,557,750	7,860,791	2,940,000	6,262	14,984,064

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES — Continued.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Franklin.	*217*	*$12,666,968*	*$4,966,417*	*$2,869,768*	*5,615*	*$11,162,108*
Boxes, wooden packing	10	329,952	162,137	77,366	184	320,270
Bread and other bakery products,	13	60,834	90,872	21,263	35	165,861
Brick and tile,	5	121,211	24,027	44,060	94	103,500
Butter,	4	27,032	82,477	4,079	8	97,742
Cotton goods,	4	937,768	287,353	151,971	419	625,156
Cutlery and edge tools,	5	842,592	278,124	388,208	789	859,654
Flour-mill and gristmill products,	15	244,468	254,416	9,776	19	299,351
Foundry and machine-shop products,	11	631,347	145,419	160,785	250	511,546
Lumber and timber products,	58	284,689	153,034	116,543	235	397,905
Lumber, planing-mill products,	5	50,903	40,522	14,097	20	67,630
Paper and wood pulp,	6	3,653,070	1,218,370	362,112	725	2,147,362
Pickles, preserves, and sauces,	3	23,550	20,515	3,470	8	30,500
Printing and publishing, book and job,	5	17,245	4,936	4,711	11	17,159
Printing and publishing, newspapers and periodicals,	9	50,106	25,222	21,012	45	97,768
Tobacco, cigars and cigarettes,	4	5,965	6,548	1,416	3	14,256
Tools, not elsewhere specified,	13	1,178,860	362,030	374,062	648	1,329,490
Wood, turned and carved,	6	57,216	24,542	34,738	73	84,698
Other industries,	41	4,150,160	1,785,873	1,078,099	2,049	4,001,260

Hampden.	*811*	*109,944,014*	*60,212,152*	*24,412,776*	*47,376*	*116,546,484*
Artificial stone,	7	19,793	7,235	6,996	20	21,445
Automobile bodies and parts,	6	212,367	309,183	300,357	462	687,172
Automobiles,	5	3,414,508	2,920,194	1,137,167	1,744	5,822,449
Bicycles, motorcycles, and parts,	3	1,763,546	1,155,488	497,397	692	2,264,465
Bookbinding and blank-book making,	12	1,210,909	585,216	323,177	667	1,232,989
Boxes, fancy and paper	5	79,557	36,932	39,657	108	129,916
Brass castings and brass finishing,	10	282,422	288,994	112,592	169	511,037
Bread and other bakery products,	81	453,870	834,753	213,427	321	1,409,701
Brick and tile,	9	326,747	51,295	103,037	211	230,136
Brooms,	3	3,305	9,080	2,146	4	15,585
Butter,	4	18,270	69,839	4,042	7	79,786
Carpets and rugs, other than rag,	3	726,729	565,130	222,188	437	1,086,885
Carpets, rag	3	7,815	2,498	11,775	25	26,208
Carriages and wagons,	14	203,303	105,025	84,071	123	270,300
Confectionery,	5	305,480	558,798	119,273	326	902,547
Copper, tin, and sheet-iron products,	7	147,293	132,317	61,724	138	334,232
Cotton goods,	12	17,598,915	8,559,174	3,421,134	8,859	15,130,083
Electrical machinery, apparatus, and supplies,	5	288,467	62,777	81,695	154	191,476
Electroplating,	3	7,246	971	5,126	6	8,414
Emery and other abrasive wheels,	3	344,246	68,611	40,362	73	188,009
Fancy articles, not elsewhere specified,	4	33,211	22,532	18,946	39	78,119
Flour-mill and gristmill products,	7	191,804	630,572	10,083	17	680,167
Food preparations,	3	25,425	32,475	2,582	6	50,806
Foundry and machine-shop products,	57	6,540,726	1,719,107	1,499,968	2,419	4,855,561
Gas, illuminating and heating,	3	2,784,370	274,099	99,098	137	770,796

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES — Continued.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Hampden — Concluded.						
Gold and silver, leaf and foil,	3	$17,770	$31,415	$12,250	30	$51,200
Grease and tallow,	3	244,779	207,981	48,231	69	310,838
Hand stamps,	4	71,602	24,548	22,285	43	70,081
Hardware,	4	450,534	169,518	130,852	220	537,894
Hosiery and knit goods,	6	739,489	409,797	163,961	398	722,980
Kaolin and ground earths,	3	175,839	104,079	16,701	30	162,836
Lithographing,	6	787,913	148,529	130,499	189	476,687
Lumber and timber products,	45	353,233	131,709	140,480	281	456,450
Lumber, planing-mill products,	13	639,658	577,735	197,053	312	998,553
Marble and stone work,	11	704,334	55,788	172,148	217	311,368
Mattresses and spring beds,	4	141,567	102,797	36,817	73	189,119
Mineral and soda waters,	10	50,878	27,033	10,380	18	73,006
Models and patterns, not including paper patterns,	6	38,697	22,382	19,453	26	57,993
Monuments and tombstones,	4	31,675	13,108	10,266	12	29,932
Paper and wood pulp,	32	18,786,858	9,047,317	2,926,344	5,956	16,154,686
Paper goods, not elsewhere specified,	10	1,701,304	1,406,217	350,858	748	2,294,003
Plumbers' supplies,	3	247,695	157,304	121,892	201	313,064
Printing and publishing, book and job,	48	852,658	307,690	216,376	360	1,196,347

Printing and publishing, newspapers and periodicals,	29	2,202,871	616,893	392,463	596	2,526,507
Saddlery and harness,	3	72,900	28,276	10,493	17	61,708
Sausage, not made in slaughtering and meat-packing establishments,	5	31,376	320,928	22,595	29	368,936
Slaughtering and meat packing, wholesale	3	1,464,506	3,274,322	183,588	347	4,062,960
Stationery goods, not elsewhere specified,	9	1,491,764	1,156,331	326,431	765	2,067,923
Structural ironwork,	3	69,202	68,897	21,580	34	104,282
Tobacco, cigars and cigarettes,	72	565,236	479,621	432,104	693	1,263,611
Tools, not elsewhere specified,	8	666,141	184,818	249,656	400	689,061
Vinegar and cider,	5	35,022	19,839	3,045	7	34,052
Waste,	3	553,231	591,115	62,841	107	764,529
Whips,	27	2,726,580	987,743	467,627	962	2,630,447
Wirework, including wire rope and cable,	4	434,840	151,804	177,357	209	416,001
Wood, turned and carved,	5	55,153	36,725	29,641	77	83,715
Wooden goods, not elsewhere specified,	3	29,650	30,130	12,433	25	54,600
Woolen goods,	9	1,906,797	705,214	356,352	859	1,346,087
Other industries,	134	34,611,938	19,612,254	8,519,704	15,902	38,686,744
Hampshire.	*247*	*20,446,842*	*13,009,261*	*5,007,456*	*11,014*	*24,403,890*
Boxes, wooden packing	4	87,241	97,673	42,124	80	168,346
Bread and other bakery products,	21	115,899	199,827	44,231	82	319,072
Brick and tile,	7	123,526	27,089	52,537	111	118,314
Brooms,	6	17,900	21,643	7,751	18	37,575
Butter,	6	21,131	166,685	9,955	22	195,026
Carriages and wagons,	4	32,325	14,015	6,810	11	28,985
Cotton goods,	3	4,102,774	3,815,920	1,169,408	2,970	5,948,521
Cutlery and edge tools,	3	413,273	137,084	235,800	399	483,324

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES — Continued.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Hampshire — Concluded.						
Flour-mill and gristmill products,	11	$124,576	$166,128	$6,644	11	$195,826
Foundry and machine-shop products,	8	369,661	149,848	104,037	181	400,345
Gas, illuminating and heating,	5	254,409	34,264	21,661	41	101,383
Lumber and timber products,	38	1,912,163	398,742	154,367	334	1,095,616
Lumber, planing-mill products,	5	73,702	78,467	25,663	43	124,311
Mineral and soda waters,	4	24,350	8,129	3,882	8	22,006
Oil, essential	4	2,950	5,706	2,544	6	12,356
Paper and wood pulp,	7	1,411,213	820,389	268,450	513	1,596,414
Plumbers' supplies,	3	398,644	256,686	210,672	473	587,292
Printing and publishing, book and job,	10	21,875	9,911	10,283	17	34,515
Printing and publishing, newspapers and periodicals,	9	90,111	19,976	41,234	76	158,898
Suspenders, garters, and elastic woven goods,	5	1,939,426	1,297,658	623,694	1,237	2,691,594
Tobacco, cigars and cigarettes,	12	17,803	22,584	18,219	30	61,953
Tools, not elsewhere specified,	3	87,908	39,070	37,660	78	97,966
Vinegar and cider,	4	4,005	1,557	302	1	3,747
Wood, turned and carved,	8	38,033	15,484	20,196	55	51,093
Woolen goods,	4	994,341	835,601	272,547	658	1,287,867
Other industries,	53	7,767,603	4,369,125	1,616,785	3,559	8,581,545

Middlesex.	*1,610*	*239,446,021*	*158,447,629*	*49,185,247*	*99,548*	*264,958,220*
Artificial stone,	5	67,949	25,427	41,413	51	82,485
Automobile bodies and parts,	5	195,839	169,222	98,096	129	413,573
Awnings, tents, and sails,	3	2,450	3,267	1,380	4	7,780
Blacking,	6	476,701	710,359	80,138	217	1,357,787
Bluing,	4	46,115	13,846	7,382	18	105,400
Bookbinding and blank-book making,	15	418,008	167,390	207,292	403	541,192
Boot and shoe cut stock,	10	146,986	164,541	86,113	212	310,356
Boot and shoe findings,	6	230,683	226,685	55,530	135	482,915
Boots and shoes,	43	9,194,258	16,345,787	4,929,657	9,933	24,933,305
Boots and shoes, rubber	6	14,147,635	9,626,109	3,167,084	6,466	17,020,769
Boxes, fancy and paper	17	642,012	652,649	336,962	824	1,323,250
Boxes, wooden packing	19	887,346	1,101,540	278,045	566	1,569,244
Brass castings and brass finishing,	8	67,095	56,430	26,336	44	102,444
Bread and other bakery products,	208	4 971,031	3,456,563	804,647	1,382	5,415,573
Brooms,	4	46,667	79,348	30,377	65	163,229
Brushes,	9	284,004	232,225	90,979	272	468,304
Butter,	3	12,330	76,829	4,234	7	103,327
Carpets, rag	5	12,290	10,965	17,089	39	50,883
Carriages and wagons,	32	488,075	201,281	192,978	315	565,446
Cars and general shop construction and repairs by street-railroad companies,	7	177,964	101,712	91,984	134	207,437
Chemicals,	10	2,989,973	1,679,484	485,348	752	3,413,708
Cleansing and polishing preparations,	9	57,594	60,133	10,677	22	148,656
Clothing, men's	4	327,330	271,570	82,402	209	460,513
Clothing, women's	13	438,378	598,083	214,508	603	1,049,054
Coffins, burial cases, and undertakers' goods,	3	361,499	234,817	98,106	165	426,193

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES — Continued.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Middlesex — Continued.						
Confectionery,	30	$917,840	$1,283,800	$242,337	775	$2,106,944
Cooperage,	13	356,862	327,000	120,346	252	564,353
Copper, tin, and sheet-iron products,	12	415,105	246,953	95,703	181	469,096
Cordage and twine,	3	858,966	511,966	144,363	355	877,756
Cotton goods,	11	25,640,659	14,498,303	6,032,696	14,721	25,805,736
Cotton small wares,	3	57,301	42,366	14,830	41	81,082
Cutlery and edge tools,	6	61,594	19,069	32,549	45	100,276
Dyeing and finishing textiles,	6	1,672,616	606,248	620,370	1,319	2,028,419
Electrical machinery, apparatus, and supplies,	18	3,006,655	1,661,821	658,095	1,350	3,771,674
Fancy articles, not elsewhere specified,	3	10,875	10,769	7,006	21	30,352
Felt goods,	3	282,221	166,022	56,666	121	341,949
Flavoring extracts,	6	29,229	22,680	2,967	6	42,501
Flour-mill and gristmill products,	11	72,346	131,986	9,186	17	163,207
Food preparations,	12	117,271	267,410	22,644	51	369,956
Foundry and machine-shop products,	111	16,889,275	4,850,155	3,801,870	6,485	12,229,986
Furniture,	28	4,627,463	1,681,691	1,343,233	2,201	4,296,148
Gas, illuminating and heating,	12	7,844,085	667,266	332,178	590	1,956,138
Glass, cutting, staining, and ornamenting,	3	15,135	4,545	21,136	37	35,950

Glue,	4	125,553	136,602	26,503	61	183,745
Gold and silver, leaf and foil,	3	29,095	37,285	20,316	36	68,637
Hardware,	5	87,807	18,851	14,124	27	55,643
Hosiery and knit goods,	11	6,797,957	3,255,046	2,169,733	5,907	7,248,658
House-furnishing goods, not elsewhere specified,	7	584,617	481,760	92,499	238	724,341
Instruments, professional and scientific	5	64,098	19,827	10,306	15	40,957
Jewelry,	11	750,816	536,625	300,052	670	1,098,407
Lasts,	4	230,229	80,200	84,739	99	211,797
Leather goods, not elsewhere specified,	11	80,692	88,080	38,272	82	162,387
Leather, tanned, curried, and finished,	39	16,741,077	9,154,193	1,742,868	3,192	12,399,834
Looking-glass and picture frames,	6	55,584	24,587	26,361	43	84,400
Lumber and timber products,	30	447,978	164,580	137,090	243	447,223
Lumber, planing-mill products,	39	1,348,875	804,131	435,492	650	1,690,294
Marble and stone work,	29	627,573	215,010	446,877	597	907,830
Mattresses and spring beds,	6	30,650	37,149	12,294	27	65,977
Mineral and soda waters,	27	179,661	54,836	33,263	61	176,311
Models and patterns, not including paper patterns,	5	9,803	5,483	12,052	16	27,688
Monuments and tombstones,	25	96,313	37,629	42,533	55	153,122
Musical instruments, organs,	3	189,582	40,487	64,173	74	173,692
Musical instruments, pianos,	3	2,129,991	515,152	411,205	589	1,395,284
Musical instruments, piano and organ materials,	9	892,655	630,904	361,217	724	1,215,289
Paints,	6	188,842	453,236	59,373	96	746,681
Paper and wood pulp,	8	1,751,341	1,571,709	302,903	515	2,200,224
Paper goods, not elsewhere specified,	12	5,046,069	2,001,558	946,057	2,004	4,552,120
Patent medicines and compounds,	22	1,930,759	444,796	153,786	288	1,437,602

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES — Continued.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Middlesex — Concluded.						
Perfumery and cosmetics,	4	$56,200	$132,450	$7,390	16	$169,053
Pickles, preserves, and sauces,	5	56,309	76,239	10,240	26	129,120
Printing and publishing, book and job,	91	1,570,124	1,191,306	954,985	1,559	2,897,360
Printing and publishing, newspapers and periodicals,	66	1,494,911	412,978	424,345	700	1,464,747
Rubber goods, not elsewhere specified,	6	392,147	573,946	67,597	112	816,865
Saddlery and harness,	5	304,149	321,498	81,344	148	460,773
Sausage, not made in slaughtering and meat-packing establishments,	6	37,300	97,030	25,495	35	144,205
Screws, machine	3	54,916	11,097	23,755	48	57,428
Shipbuilding, wooden, including boat building,	9	56,552	19,940	17,085	21	66,515
Shirts,	5	90,333	83,193	108,846	283	235,610
Shoddy,	5	240,129	328,446	36,838	95	462,154
Silk and silk goods, including throwsters,	3	229,499	307,094	106,475	306	509,196
Slaughtering and meat packing, wholesale,	6	10,666,276	24,041,501	995,408	1,950	26,857,088
Slaughtering, wholesale, not including meat packing,	9	1,641,436	4,158,669	238,792	346	4,802,472
Soap,	11	1,666,194	1,316,132	118,635	261	2,741,573
Stationery goods, not elsewhere specified,	5	191,877	275,100	108,245	329	531,386
Steam packing,	3	45,828	50,421	13,475	25	81,657
Stoves and furnaces, not including gas and oil stoves,	3	904,980	247,716	299,990	394	750,573

Structural ironwork,	10	1,527,047	1,124,506	380,112	574	1,889,577
Suspenders, garters, and elastic woven goods,	8	1,086,534	910,168	254,104	550	1,785,487
Tobacco, cigars and cigarettes,	44	103,189	90,052	59,443	123	238,372
Tools, not elsewhere specified,	8	246,549	45,895	63,181	90	195,124
Trunks and valises,	4	125,420	186,535	52,774	119	315,419
Vinegar and cider,	15	358,511	239,569	34,126	59	354,173
Watch and clock materials,	5	107,521	48,735	91,777	159	212,716
Wirework, including wire rope and cable,	6	99,405	80,704	61,935	119	204,972
Wood, turned and carved,	11	442,441	163,610	145,990	440	496,224
Wooden goods, not elsewhere specified,	4	142,647	131,506	63,282	102	265,120
Woolen goods,	10	12,615,150	6,392,286	2,128,008	4,342	9,375,158
Worsted goods,	17	13,455,905	9,923,961	2,122,513	4,895	13,786,717
Other industries,	148	49,453,215	21,389,318	7,146,042	13,478	39,288,897
Nantucket.	*4*	*58,816*	*9,978*	*4,154*	*5*	*20,877*
All industries,	4	58,816	9,978	4,154	5	20,877
Norfolk.	*646*	*51,954,134*	*29,718,522*	*14,025,349*	*24,313*	*58,529,007*
Awnings, tents, and sails,	3	44,510	13,018	20,065	30	45,009
Bookbinding and blank-book making,	3	172,260	76,392	85,883	153	203,308
Boot and shoe cut stock,	4	32,871	16,677	13,134	25	28,335
Boot and shoe findings,	7	135,272	334,271	48,358	105	411,952
Boots and shoes,	18	4,411,842	6,307,863	2,218,839	3,765	10,028,333
Boxes, fancy and paper	5	97,946	75,885	44,535	126	184,748
Boxes, wooden packing	8	215,106	135,690	64,928	123	259,843
Brass castings and brass finishing,	3	94,738	39,142	16,819	32	99,765

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES — Continued.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Norfolk — Concluded.						
Bread and other bakery products,	37	$549,763	$291,488	$84,770	150	$528,393
Carriage and wagon materials,	3	12,711	4,867	4,487	8	13,117
Carriages and wagons,	3	11,800	3,140	5,680	8	11,960
Cars and general shop construction and repairs by street-railroad companies,	8	248,112	49,417	44,926	80	102,773
Clothing, women's	5	73,407	128,817	54,567	170	201,603
Dyeing and finishing textiles,	4	560,543	272,511	97,506	175	609,256
Electrical machinery, apparatus, and supplies,	7	1,237,384	700,521	286,320	597	1,253,245
Flour-mill and gristmill products,	4	50,820	52,151	7,332	15	65,051
Foundry and machine-shop products,	23	6,744,530	1,180,948	1,316,153	2,219	3,911,953
Hats, straw	7	544,711	1,170,678	458,733	822	1,897,167
Hosiery and knit goods,	14	1,460,159	957,017	360,348	733	1,791,255
Jewelry,	6	505,130	183,445	234,128	332	657,634
Lumber and timber products,	8	46,497	10,510	5,755	20	31,372
Lumber, planing-mill products,	4	88,699	62,144	35,403	58	128,966
Marble and stone work,	20	623,019	125,397	351,612	491	730,162
Mineral and soda waters,	6	258,681	70,665	16,028	36	276,662
Monuments and tombstones,	110	1,142,216	783,549	787,203	1,106	2,124,591

Paper and wood pulp,	5	4,084,345	1,710,954	675,372	1,115	4,393,782
Patent medicines and compounds,	4	26,000	29,561	2,666	4	52,234
Printing and publishing, book and job,	22	1,178,315	259,484	452,037	758	1,117,544
Printing and publishing, newspapers and periodicals,	27	129,157	40,019	56,037	97	186,710
Rubber goods, not elsewhere specified,	6	1,717,066	1,378,080	344,623	687	2,207,059
Saddlery and harness,	3	17,697	9,614	3,480	7	24,097
Shipbuilding, wooden, including boat building,	3	6,425	6,390	6,890	8	15,315
Shoddy,	9	634,435	412,284	92,001	195	627,174
Surgical appliances,	3	306,730	395,716	48,779	91	572,467
Tobacco, cigars and cigarettes,	10	23,555	12,324	9,198	16	32,260
Tools, not elsewhere specified,	7	128,912	49,010	35,442	68	136,245
Vinegar and cider,	3	12,150	1,287	1,040	2	6,650
Woolen goods,	6	1,210,489	759,670	351,531	687	1,356,258
Other industries,	118	23,116,131	11,607,926	5,282,741	9,199	22,204,759
Plymouth.	*459*	*43,833,704*	*55,588,177*	*16,779,405*	*28,384*	*87,263,941*
Blacking,	13	144,311	194,613	27,796	37	369,898
Boot and shoe cut stock,	14	1,018,594	1,988,349	423,213	852	2,864,984
Boot and shoe findings,	40	1,768,989	3,721,523	486,069	962	5,037,749
Boots and shoes,	54	19,283,014	33,369,174	11,304,133	18,237	52,711,343
Boxes, fancy and paper	8	364,429	220,806	149,144	346	535,293
Boxes, wooden packing	14	904,876	558,153	237,691	457	1,050,283
Bread and other bakery products,	26	446,523	651,562	180,991	303	1,215,382
Brick and tile,	4	212,415	43,656	50,728	103	132,770
Carriages and wagons,	3	30,542	7,325	10,565	14	28,325
Cars and general shop construction and repairs by street-railroad companies,	3	131,914	93,572	60,148	98	159,191

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES — Continued.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Plymouth — Concluded.						
Cooperage,	10	$67,393	$59,930	$21,276	38	$108,476
Copper, tin, and sheet-iron products,	3	12,030	12,281	4,632	9	27,800
Cotton small wares,	4	246,566	244,531	105,403	197	460,612
Cutlery and edge tools,	5	70,027	20,043	54,441	61	119,316
Electrical machinery, apparatus, and supplies,	3	248,464	228,064	47,804	109	296,518
Flavoring extracts,	3	13,983	25,579	2,835	4	34,724
Flour-mill and gristmill products,	9	105,969	482,255	12,185	19	524,312
Foundry and machine-shop products,	23	1,254,317	459,588	410,798	634	1,207,459
Gas, illuminating and heating,	4	953,810	76,078	52,069	76	270,781
Iron and steel, nails and spikes, cut and wrought, including wire nails not made in steel works or rolling mills,	17	791,218	640,838	303,583	569	1,166,876
Lasts,	7	434,794	193,356	133,586	181	570,703
Leather goods, not elsewhere specified,	3	13,730	30,958	8,473	24	48,407
Lumber and timber products,	54	582,817	335,470	123,033	228	647,079
Lumber, planing-mill products,	7	173,589	109,218	38,217	53	200,249
Mineral and soda waters,	4	16,578	6,940	9,164	16	37,680
Models and patterns, not including paper patterns,	3	25,711	8,865	20,628	28	63,728
Mucilage and paste,	3	155,078	235,969	11,327	14	334,417

Printing and publishing, book and job,	25	312,247	163,013	141,870	200	484,336
Printing and publishing, newspapers and periodicals,	16	170,069	74,712	112,191	157	366,515
Rubber goods, not elsewhere specified,	3	768,484	1,052,094	84,345	142	1,307,535
Shipbuilding, wooden, including boat building,	11	41,744	13,005	13,053	19	40,588
Suspenders, garters, and elastic woven goods,	3	476,057	191,437	80,492	108	397,467
Tobacco, cigars and cigarettes,	3	8,105	6,667	7,062	10	19,684
Tools, not elsewhere specified,	6	112,269	34,872	38,967	55	112,192
Worsted goods,	4	5,920,743	3,805,138	821,301	1,495	5,743,008
Other industries,	47	6,552,305	6,228,543	1,190,192	2,529	8,568,261
Suffolk.	*3,286*	*186,889,056*	*135,463,158*	*43,294,905*	*75,699*	*254,909,468*
Artificial limbs,	6	16,991	6,633	6,032	7	30,965
Automobile bodies and parts,	14	384,583	195,939	177,393	215	613,460
Awnings, tents, and sails,	19	138,130	231,310	109,558	204	467,606
Baskets, and rattan and willow ware,	6	18,120	20,467	18,030	34	52,575
Belting and hose, leather	5	411,771	512,504	35,232	46	698,278
Blacking,	13	195,050	253,195	45,686	85	505,425
Bookbinding and blank-book making,	49	840,133	436,189	662,592	1,424	1,585,629
Boot and shoe cut stock,	18	4,430,517	13,055,421	492,367	830	14,837,397
Boot and shoe findings,	15	794,356	1,941,549	270,912	557	2,490,074
Boots and shoes,	14	7,604,131	7,488,472	3,275,009	6,703	13,019,220
Boxes, fancy and paper	25	662,210	680,669	419,028	1,131	1,446,890
Boxes, wooden packing	8	573,448	417,105	116,368	199	649,516
Brass castings and brass finishing,	25	254,577	303,986	168,868	245	639,753
Brass ware,	7	62,476	41,742	37,903	63	117,823
Bread and other bakery products,	307	3,603,057	4,980,589	1,105,389	2,047	8,351,149

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES — Continued.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Suffolk — Continued.						
Brushes,	11	$1,609,339	$939,167	$363,501	873	$1,774,001
Canning and preserving, fish,	11	336,180	480,774	52,980	109	691,978
Carriages and wagons,	25	337,616	168,299	191,863	280	501,756
Cars and general shop construction and repairs by steam-railroad companies,	6	761,060	652,186	768,366	1,172	1,535,737
Chemicals,	10	159,776	304,339	19,474	28	392,546
Cleansing and polishing preparations,	11	124,671	171,630	23,628	44	328,968
Cloth sponging and refinishing,	4	16,550	2,556	33,096	47	63,462
Clothing, men's	190	5,970,679	7,243,962	2,208,655	4,293	13,800,891
Clothing, women's	122	2,409,499	4,305,713	1,649,482	3,540	7,841,740
Coffee and spice, roasting and grinding,	12	2,621,518	3,879,975	193,184	355	5,543,838
Confectionery,	55	5,048,502	6,119,114	1,344,191	4,137	10,345,175
Cooperage,	3	351,948	254,182	90,339	191	395,639
Copper, tin, and sheet-iron products,	71	919,461	870,384	622,153	891	2,122,887
Cordials and sirups,	6	149,233	244,580	12,738	53	362,608
Druggists' preparations,	10	480,254	341,104	65,135	137	1,140,459
Dyeing and finishing textiles,	3	28,679	17,564	15,601	30	49,530
Dyestuffs and extracts,	6	112,627	161,103	16,030	27	242,873
Electrical machinery, apparatus, and supplies,	28	3,024,512	1,010,940	707,710	1,404	3,053,568

Electroplating,	26	71,280	31,647	80,201	124	185,905
Engraving and diesinking,	15	42,410	8,219	29,472	39	68,914
Engraving, steel and copper plate, including plate printing,	20	190,136	93,562	193,881	304	488,751
Fancy articles, not elsewhere specified,	12	230,913	159,098	87,541	209	380,477
Flavoring extracts,	15	274,341	250,048	26,748	55	572,360
Food preparations,	15	673,638	697,168	130,706	222	1,554,606
Foundry and machine-shop products,	165	8,882,688	3,107,349	2,463,929	3,689	8,318,843
Fur goods,	12	722,717	545,551	149,316	205	936,052
Furnishing goods, men's	8	295,529	576,139	116,006	251	943,525
Furniture,	58	967,024	1,036,789	548,345	871	2,349,861
Gas and electric fixtures,	13	185,554	135,962	113,633	148	320,705
Glass, cutting, staining, and ornamenting,	22	90,708	39,558	71,497	100	187,623
Gloves and mittens, leather	5	35,789	25,845	40,676	73	95,728
Grease and tallow,	4	199,344	325,620	57,388	95	474,731
Hair work,	4	14,090	6,762	4,134	14	30,417
Hand stamps,	10	32,509	22,512	24,366	37	89,335
Hardware,	8	82,925	63,590	35,581	60	144,018
Hats and caps, other than felt, straw, and wool,	28	172,002	326,688	154,536	263	642,938
Hats, felt	5	159,747	110,728	71,330	120	273,995
Hosiery and knit goods,	9	562,473	635,567	260,305	763	1,094,293
House-furnishing goods, not elsewhere specified,	6	30,664	76,730	18,503	36	119,280
Instruments, professional and scientific	15	651,959	225,236	235,218	344	780,985
Japanning,	4	4,813	1,502	4,944	11	14,050
Jewelry,	32	395,532	248,323	189,391	303	710,164

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES — Continued.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Suffolk — Continued.						
Jewelry and instrument cases,	4	$96,327	$81,061	$47,221	146	$181,708
Labels and tags,	3	29,493	9,733	15,678	31	45,274
Leather goods, not elsewhere specified,	21	407,230	525,597	153,856	350	921,949
Leather, tanned, curried, and finished,	7	172,978	217,978	35,658	61	304,358
Liquors, malt	20	13,435,765	1,956,874	1,019,213	1,126	7,553,669
Lithographing,	7	1,080,144	534,185	587,001	837	1,712,730
Looking-glass and picture frames,	20	269,633	179,816	87,686	132	454,195
Lumber, planing-mill products,	61	1,316,108	1,318,240	665,763	924	2,665,573
Marble and stone work,	19	834,501	433,831	422,366	537	1,058,504
Mattresses and spring beds,	28	641,659	1,048,316	248,088	496	1,770,103
Millinery and lace goods,	65	1,254,113	1,930,670	579,577	1,454	3,425,242
Mineral and soda waters,	30	779,970	421,075	115,985	166	1,012,496
Mirrors,	5	143,719	215,208	66,306	104	385,377
Models and patterns, not including paper patterns,	24	101,432	33,310	92,487	121	209,366
Monuments and tombstones,	12	70,164	19,057	36,664	44	93,694
Mucilage and paste,	6	376,547	620,754	28,471	38	829,336
Musical instruments and materials, not specified,	10	111,115	58,575	59,663	91	191,478
Musical instruments, pianos,	13	5,358,675	1,354,610	879,402	1,303	3,181,755

Musical instruments, piano and organ materials,	6	57,341	43,987	32,252	56	112,152
Oil, not elsewhere specified,	5	384,935	1,358,759	81,803	142	1,599,051
Paints,	9	967,371	746,726	101,548	182	1,275,213
Paper goods, not elsewhere specified,	12	253,113	112,748	59,252	120	252,350
Patent medicines and compounds,	55	875,651	950,609	188,131	400	2,275,009
Perfumery and cosmetics,	8	279,531	256,600	35,000	83	588,330
Photo-engraving,	19	374,523	137,425	320,186	399	778,366
Pickles, preserves, and sauces,	12	656,671	911,277	90,653	209	1,282,498
Plumbers' supplies,	10	249,821	262,510	126,618	224	497,486
Pottery, terra-cotta, and fire-clay products,	5	622,770	52,590	94,398	178	210,070
Printing and publishing, book and job,	322	7,680,593	2,176,870	2,164,716	3,335	9,866,919
Printing and publishing, music,	10	324,720	74,059	59,943	102	467,195
Printing and publishing, newspapers and periodicals,	168	9,241,297	4,116,747	2,889,175	3,005	15,415,007
Printing materials,	6	95,410	45,942	19,370	28	114,655
Refrigerators,	9	199,583	145,652	76,976	88	343,516
Regalia and society badges and emblems,	7	47,315	54,008	9,893	27	99,975
Rubber goods, not elsewhere specified,	6	3,910,515	4,336,120	643,542	1,269	5,527,282
Saddlery and harness,	11	50,936	57,099	45,997	64	144,054
Sausage, not made in slaughtering and meat-packing establishments,	13	176,944	505,310	74,275	123	728,122
Screws, machine	4	98,023	73,313	41,828	70	156,866
Shipbuilding, wooden, including boat building,	23	646,388	418,913	389,436	555	1,053,670
Shirts,	8	201,710	513,542	77,925	188	736,735
Show cases,	6	38,507	53,757	25,221	31	109,138
Signs and advertising novelties,	8	74,365	82,341	46,189	74	212,413
Silversmithing and silverware,	5	51,936	73,891	73,177	100	203,353

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES — Continued.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Suffolk — Concluded.						
Slaughtering, wholesale, not including meat packing,	8	$181,186	$1,837,005	$46,507	59	$2,030,010
Soap,	14	241,700	292,267	37,601	67	465,463
Stationery goods, not elsewhere specified,	3	79,418	90,606	46,334	86	283,305
Statuary and art goods,	12	165,240	32,170	108,140	131	237,575
Steam fittings and heating apparatus,	14	4,033,902	1,254,989	1,151,828	1,792	3,271,386
Steam packing,	5	87,929	20,421	22,590	33	94,150
Stencils and brands,	7	17,666	15,368	13,146	21	50,055
Stereotyping and electrotyping,	6	151,031	81,086	142,791	172	350,706
Structural ironwork,	18	565,148	506,015	339,680	465	1,065,265
Suspenders, garters, and elastic woven goods,	16	2,112,252	2,769,780	643,314	1,479	4,534,381
Tinware,	13	3,418,092	902,082	283,396	594	1,560,852
Tobacco, chewing and smoking, and snuff,	8	11,680	15,099	3,557	9	34,798
Tobacco, cigars and cigarettes,	150	2,700,648	2,049,697	1,788,298	2,333	5,524,372
Tools, not elsewhere specified,	11	541,978	384,028	138,487	235	797,922
Trunks and valises,	12	190,490	212,910	79,298	141	363,687
Varnishes,	8	199,000	163,573	18,115	26	328,502
Window shades and fixtures,	8	114,910	391,659	49,647	88	539,114
Wirework, including wire rope and cable,	9	39,268	55,589	36,251	52	130,652

Wood, turned and carved,	11	16,877	8,082	11,087	15	39,446
Other industries,	235	58,560,660	29,377,512	5,000,109	9,151	46,690,623
Worcester.	*1,408*	*174,056,054*	*110,891,227*	*43,145,767*	*86,011*	*200,980,600*
Artificial stone,	5	23,611	7,981	7,776	18	23,995
Baskets, and rattan and willow ware,	4	8,785	3,920	9,250	16	18,457
Bicycles, motorcycles, and parts,	3	35,104	54,874	9,135	23	83,403
Blacking,	3	24,400	6,637	4,326	7	16,103
Bookbinding and blank-book making,	6	54,927	11,025	22,803	50	63,259
Boot and shoe cut stock,	5	147,029	179,316	56,043	158	364,005
Boot and shoe findings,	3	16,950	47,868	6,620	15	73,180
Boots and shoes,	24	4,997,092	8,174,747	2,493,341	4,903	12,630,801
Boxes, fancy and paper	9	304,674	201,737	143,512	337	477,591
Boxes, wooden packing	20	1,080,514	822,677	296,073	618	1,338,289
Brass castings and brass finishing,	5	195,858	298,788	43,726	68	422,555
Bread and other bakery products,	150	704,119	1,479,145	374,195	690	2,489,565
Brick and tile,	5	71,700	11,793	20,920	50	50,820
Brushes,	3	36,224	43,936	16,339	46	87,000
Buttons,	3	17,308	15,968	11,283	24	36,150
Carpets, rag	3	11,013	2,061	6,250	15	13,739
Carriages and sleds, children's	6	1,100,570	952,076	405,805	843	1,744,328
Carriages and wagons,	16	159,373	66,145	66,512	92	188,454
Cars and general shop construction and repairs by street-railroad companies,	8	83,978	103,562	98,513	196	204,980
Clothing, men's	16	265,773	422,670	110,471	266	631,148
Clothing, women's	21	959,184	1,159,987	403,527	1,136	2,074,205
Combs and hairpins,	32	1,577,664	2,216,169	1,060,902	2,282	4,140,220

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Continued.

F. COUNTIES: BY INDUSTRIES — Continued.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Worcester — Continued.						
Confectionery,	10	$62,033	$127,822	$23,104	51	$211,429
Cooperage,	7	319,550	167,060	98,154	284	324,340
Copper, tin, and sheet-iron products,	5	232,935	193,028	40,407	59	352,710
Corsets,	7	1,610,210	1,306,021	607,352	1,620	3,197,791
Cotton goods,	31	15,723,145	9,883,376	4,292,700	10,331	17,152,191
Cotton small wares,	5	293,903	142,539	70,872	205	268,124
Cutlery and edge tools,	13	1,153,476	223,234	251,651	493	628,132
Electrical machinery, apparatus, and supplies,	5	56,448	35,729	23,512	43	80,323
Electroplating,	9	36,917	11,371	26,360	52	59,277
Fancy articles, not elsewhere specified,	7	258,342	288,331	131,649	278	536,961
Flavoring extracts,	5	10,283	10,065	2,552	5	21,274
Flour-mill and gristmill products,	16	551,625	874,714	17,597	35	939,558
Food preparations,	4	17,650	26,375	3,430	6	40,900
Foundry and machine-shop products,	151	28,340,157	8,196,053	7,654,536	12,937	25,142,275
Furniture,	45	10,762,957	2,817,276	1,903,868	3,915	6,534,103
Gas, illuminating and heating,	10	3,316,361	311,752	87,329	252	862,017
Hardware,	6	972,408	337,377	157,577	450	1,189,763
Hats, straw	5	910,973	1,555,367	587,534	1,102	2,717,931

Ivory, shell, and bone work, not including combs and hairpins,	4	293,681	229,186	52,183	103	381,951
Lasts,	3	163,194	74,705	74,267	102	265,637
Leather, tanned, curried, and finished,	5	462,372	870,147	64,146	116	1,048,094
Linen goods,	4	2,075,224	1,057,122	397,245	1,026	1,769,785
Looking-glass and picture frames,	5	17,881	14,628	4,257	5	28,282
Lumber and timber products,	54	839,083	358,186	222,975	456	1,002,417
Lumber, planing-mill products,	29	688,401	541,779	249,691	403	1,009,172
Marble and stone work,	18	759,481	123,261	449,492	600	739,860
Mattresses and spring beds,	5	50,193	52,062	17,483	28	91,250
Mineral and soda waters,	21	109,660	52,168	36,394	76	143,492
Monuments and tombstones,	12	63,798	35,195	30,230	36	102,823
Musical instruments and materials, not specified,	3	38,097	16,975	16,179	54	48,330
Musical instruments, piano and organ materials,	7	1,523,720	665,443	448,069	698	1,433,193
Optical goods,	5	1,960,625	1,048,538	999,018	2,209	2,710,952
Paper and wood pulp,	9	4,119,084	3,713,602	749,474	1,411	5,744,880
Paper goods, not elsewhere specified,	7	1,195,733	904,060	241,457	497	1,442,211
Patent medicines and compounds,	11	159,708	134,350	10,528	21	198,325
Photographic materials,	3	95,946	24,293	13,933	32	96,799
Plumbers' supplies,	4	72,807	52,654	12,640	21	89,362
Printing and publishing, book and job,	55	341,051	170,104	143,019	242	522,104
Printing and publishing, newspapers and periodicals,	44	573,392	299,215	380,410	566	1,107,376
Refrigerators,	3	28,077	21,730	15,416	20	49,360
Saddlery and harness,	8	66,846	39,996	31,226	45	94,546
Sausage, not made in slaughtering and meat-packing establishments,	4	55,581	143,794	12,548	19	186,205
Screws, machine	5	526,277	141,566	118,902	227	350,122

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — **1909** — Concluded.

F. COUNTIES: BY INDUSTRIES — Concluded.

Counties and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-earners Employed	Value of Product
Worcester — Concluded.						
Shirts,	5	$735,440	$607,882	$571,590	1,403	$1,343,573
Shoddy,	9	396,312	205,619	37,463	85	312,132
Slaughtering, wholesale, not including meat packing,	3	2,860	45,450	1,650	3	56,043
Stamped and enameled ware,	9	373,504	139,899	107,140	187	368,853
Structural ironwork,	6	1,064,500	435,912	218,044	298	808,499
Suspenders, garters, and elastic woven goods,	5	253,803	385,327	76,048	269	573,553
Tobacco, chewing and smoking, and snuff,	4	9,808	8,411	1,664	5	19,210
Tobacco, cigars and cigarettes,	48	131,221	89,345	94,978	161	299,391
Tools, not elsewhere specified,	15	1,132,497	282,731	572,308	883	1,351,480
Toys and games,	6	606,965	288,912	209,854	498	669,606
Vinegar and cider,	6	29,162	7,947	1,357	4	16,834
Wire,	7	7,507,722	4,932,169	2,004,521	3,323	8,545,592
Wirework, including wire rope and cable,	10	2,785,623	1,203,057	514,442	1,164	2,444,658
Wood, turned and carved,	15	75,757	57,398	64,222	144	177,710
Wooden goods, not elsewhere specified,	4	22,950	10,949	6,310	12	25,986
Woolen goods,	45	6,944,962	5,848,265	2,185,945	5,009	9,677,387
Worsted goods,	26	15,238,105	11,354,711	2,853,224	6,473	16,775,220
Other industries,	166	43,959,728	31,411,912	7,186,319	13,106	49,426,999

TABLE II. WAGE-EARNERS.

NUMBER EMPLOYED ON THE 15TH DAY OF EACH MONTH: BY INDUSTRIES—1909.

Industries.	Average Number of Wage-earners	January	February	March	April	May	June	July	August	September	October	November	December
THE STATE.	**584,559**	**565,750**	**572,618**	**579,519**	**576,618**	**576,379**	**576,055**	**573,462**	**581,008**	**594,686**	**601,533**	**604,466**	**612,615**
Agricultural implements,	346	338	341	366	377	375	360	322	318	325	334	347	353
Artificial limbs,	21	19	20	20	20	21	21	20	20	22	22	22	23
Artificial stone,	158	83	105	153	174	188	193	196	172	175	156	164	140
Artists' materials,	28	24	24	28	31	36	34	30	29	28	28	24	24
Automobile bodies and parts,	1,762	1,530	1,695	1,843	1,872	1,882	1,770	1,638	1,687	1,698	1,809	1,843	1,882
Automobiles,	2,376	1,808	2,096	2,321	2,344	2,435	2,501	2,687	2,470	2,369	2,498	2,431	2,555
Awnings, tents, and sails,	385	276	297	350	430	521	565	483	380	328	338	323	324
Babbitt metal and solder,	8	7	7	7	7	7	7	8	8	8	8	8	8
Bags, other than paper,	44	42	43	50	48	47	36	35	36	44	44	47	52
Baking powders and yeast,	52	55	56	55	55	55	51	50	50	48	53	50	49
Baskets, and rattan and willow ware,	222	226	202	207	210	213	224	230	235	228	227	225	236
Belting and hose, leather	955	992	1,003	989	949	899	902	894	941	937	954	991	1,005
Belting and hose, woven	107	113	110	102	103	102	104	104	106	98	108	109	126
Bicycles, motorcycles, and parts,	843	713	728	787	797	859	868	774	761	830	916	987	1,100
Billiard tables and materials,	28	29	29	29	28	29	27	26	27	27	28	29	29

TABLE II. WAGE-EARNERS — Continued.

NUMBER EMPLOYED ON THE 15TH DAY OF EACH MONTH: BY INDUSTRIES — 1909 — Continued.

Industries.	Average Number of Wage-earners	January	February	March	April	May	June	July	August	September	October	November	December
The State — Continued.													
Blacking,	454	391	427	470	485	467	483	474	452	458	463	466	407
Bluing,	36	40	43	44	38	32	30	32	31	31	30	39	39
Bone, carbon, and lampblack,	20	20	20	20	20	20	20	20	20	20	20	20	22
Bookbinding and blank-book making,	2,763	2,777	2,719	2,736	2,758	2,724	2,717	2,696	2,701	2,786	2,788	2,851	2,900
Boot and shoe cut stock,	3,915	3,988	4,117	4,059	3,913	3,866	3,914	3,761	3,872	3,832	3,794	3,911	3,958
Boot and shoe findings,	4,438	4,610	4,651	4,646	4,393	4,354	4,316	4,246	4,328	4,354	4,276	4,318	4,766
Boots and shoes,	74,710	75,544	76,251	75,619	72,804	70,316	70,450	73,342	75,559	75,759	75,749	76,053	79,073
Boots and shoes, rubber	6,928	6,238	6,827	6,416	6,854	6,882	6,999	7,083	6,744	7,127	7,311	7,463	7,197
Boxes, cigar	130	126	132	124	109	120	125	133	131	136	139	138	142
Boxes, fancy and paper	3,838	3,677	3,710	3,815	3,786	3,780	3,694	3,596	3,582	3,883	4,119	4,222	4,193
Boxes, wooden packing	3,339	3,188	3,200	3,350	3,274	3,215	3,292	3,279	3,251	3,371	3,504	3,547	3,593
Brass castings and brass finishing,	639	617	617	623	626	626	618	620	653	667	672	671	656
Brass ware,	762	737	744	746	731	732	731	753	764	792	794	802	822
Bread and other bakery products,	6,697	6,256	6,499	6,662	6,650	6,680	6,699	6,830	6,807	6,840	6,828	6,837	6,770
Brick and tile,	991	164	160	211	576	1,632	1,784	1,808	1,806	1,611	1,098	630	417
Bronze castings,	59	53	47	45	45	45	49	62	66	73	80	69	68
Brooms,	118	129	131	132	124	123	116	109	111	117	104	108	111
Brushes,	1,629	1,685	1,752	1,701	1,626	1,602	1,474	1,449	1,501	1,583	1,664	1,737	1,773

Butter,	56	56	55	55	56	57	58	57	56	57	56	56	57
Buttons,	659	752	730	737	715	725	687	631	592	583	584	583	585
Canning and preserving, fish,	1,151	1,199	1,198	1,220	1,022	956	939	1,038	986	1,195	1,386	1,346	1,327
Canning and preserving, fruit and vegetables,	40	17	17	17	23	23	37	41	41	52	89	66	55
Card cutting and designing,	42	40	41	40	39	39	35	42	40	44	48	50	47
Carpets and rugs, other than rag,	5,954	6,037	6,102	5,977	5,855	5,927	5,880	5,974	5,888	5,930	5,898	5,893	6,087
Carpets, rag	122	103	97	106	121	131	138	138	133	131	131	123	116
Carriage and wagon materials,	228	207	213	216	226	236	241	236	235	235	237	226	232
Carriages and sleds, children's	858	947	1,024	1,028	999	918	749	589	683	718	797	891	952
Carriages and wagons,	1,311	1,215	1,236	1,349	1,442	1,484	1,473	1,364	1,316	1,286	1,250	1,163	1,150
Cars and general shop construction and repairs by steam-railroad companies,	5,162	5,308	5,190	5,134	5,056	5,079	5,028	5,040	5,128	5,169	5,111	5,285	5,416
Cars and general shop construction and repairs by street-railroad companies,	1,708	1,676	1,669	1,698	1,735	1,711	1,684	1,772	1,718	1,704	1,698	1,718	1,718
Cars, steam railroad, not including operations of railroad companies,	616	839	834	825	789	691	523	484	494	469	495	479	473
Cash registers and calculating machines,	42	20	20	20	28	50	51	49	51	54	49	50	61
Chemicals,	1,358	1,317	1,287	1,333	1,346	1,412	1,364	1,365	1,375	1,354	1,411	1,397	1,341
Cleansing and polishing preparations,	73	66	66	69	72	75	64	76	75	77	78	77	76
Clocks,	284	233	265	271	289	295	291	291	291	296	300	301	282
Cloth sponging and refinishing,	47	45	46	45	45	46	46	48	49	48	47	47	47
Clothing, men's	5,256	4,994	5,197	5,295	5,217	5,166	5,148	4,838	4,860	5,396	5,600	5,629	5,729
Clothing, men's, buttonholes,	9	5	5	5	5	9	9	10	13	13	13	13	13
Clothing, women's	5,813	5,504	5,836	6,156	6,212	6,046	5,666	5,242	5,200	5,827	6,210	6,011	5,849
Coffee and spice, roasting and grinding,	373	384	378	380	384	374	366	357	351	363	374	382	383

TABLE II. WAGE-EARNERS — Continued.

NUMBER EMPLOYED ON THE 15TH DAY OF EACH MONTH: BY INDUSTRIES — **1909** — Continued.

Industries.	Average Number of Wage-earners	January	February	March	April	May	June	July	August	September	October	November	December
The State — Continued.													
Coffins, burial cases, and undertakers' goods,	384	392	389	391	381	394	376	379	382	380	380	380	380
Combs and hairpins,	2,706	2,699	2,869	2,899	2,596	2,363	2,401	2,429	2,594	2,792	3,019	2,838	2,972
Confectionery,	5,548	5,023	5,159	5,189	4,928	5,000	4,902	4,796	5,460	6,328	6,723	6,594	6,468
Cooperage,	800	774	791	812	821	816	808	801	803	815	793	786	777
Copper, tin, and sheet-iron products,	1,422	1,276	1,269	1,245	1,321	1,373	1,394	1,436	1,501	1,548	1,560	1,597	1,538
Cordage and twine,	2,377	2,509	2,497	2,448	2,449	2,433	2,354	2,354	2,336	2,320	2,253	2,292	2,271
Cordials and sirups,	54	41	34	38	44	54	66	75	59	48	88	54	49
Corsets,	1,989	2,010	2,052	2,062	2,048	1,972	1,965	1,891	1,833	1,978	2,040	2,032	1,979
Cotton goods,	108,018	105,740	106,329	107,730	107,737	107,980	107,632	108,308	108,062	109,358	108,740	108,754	109,850
Cotton small wares,	896	930	914	899	894	899	886	873	876	872	872	900	931
Cutlery and edge tools,	2,963	3,235	2,875	2,877	2,891	2,886	2,844	2,722	2,865	2,896	3,065	3,197	3,215
Dairymen's, poulterers', and apiarists' supplies,	9	9	9	9	8	8	8	8	8	8	9	10	10
Dentists' materials,	31	31	31	31	31	31	29	29	29	31	32	32	32
Druggists' preparations,	271	275	276	277	280	285	270	258	255	237	282	282	273
Dyeing and finishing textiles,	9,079	8,932	8,964	9,206	9,039	9,012	9,113	9,152	9,116	9,278	8,778	9,235	9,125
Dyestuffs and extracts,	80	85	79	81	82	82	81	82	76	74	77	80	80
Electrical machinery, apparatus, and supplies,	14,507	12,239	12,636	12,996	13,444	13,855	14,394	14,910	15,245	15,387	15,754	16,302	16,926
Electroplating,	467	478	479	471	451	428	421	434	410	437	519	513	518

Emery and other abrasive wheels,	615	523	550	560	583	627	637	632	618	633	644	671	706
Enameling,	108	110	105	103	94	92	112	114	107	117	118	115	118
Engraving and diesinking,	112	116	117	113	112	113	108	106	106	105	111	118	123
Engraving, steel and copper plate, including plate printing,	307	311	309	293	294	294	301	303	299	317	320	332	306
Envelopes,	1,410	1,431	1,480	1,483	1,491	1,491	1,442	1,316	1,268	1,309	1,350	1,410	1,444
Fancy articles, not elsewhere specified,	647	525	570	613	551	562	620	642	680	747	772	745	736
Felt goods,	631	635	529	555	575	616	624	687	686	687	638	655	685
Fertilizers,	447	420	501	610	614	496	467	342	361	372	394	394	392
Files,	110	101	98	103	108	111	111	120	118	117	111	111	112
Firearms,	1,981	2,088	2,040	1,992	1,969	1,965	1,960	1,988	2,006	1,944	1,949	1,908	1,957
Fireworks,	199	233	232	209	210	223	165	133	178	182	201	219	200
Flavoring extracts,	111	104	101	103	108	117	116	120	120	115	112	112	108
Flour-mill and gristmill products,	229	232	229	232	227	226	228	224	223	230	232	230	237
Food preparations,	366	485	459	391	349	323	329	330	327	307	349	310	435
Foundry and machine-shop products,	37,376	33,774	34,449	35,061	35,270	35,939	37,019	37,761	38,715	39,529	39,384	40,329	41,280
Fur goods,	210	225	164	130	134	164	181	191	218	266	279	295	270
Furnishing goods, men's	432	362	417	446	448	424	411	357	410	459	467	494	485
Furniture,	7,148	6,744	6,908	7,054	7,187	6,996	6,971	6,798	6,946	7,347	7,556	7,620	7,648
Galvanizing,	11	10	10	11	10	10	10	10	13	13	12	13	15
Gas and electric fixtures,	179	173	181	187	189	191	187	163	185	175	172	175	174
Gas, illuminating and heating,	2,292	2,079	2,027	2,020	2,188	2,423	2,492	2,541	2,382	2,323	2,395	2,361	2,269
Gas machines and gas and water meters,	339	313	306	314	335	341	366	353	358	342	344	344	351
Glass, cutting, staining, and ornamenting,	214	208	218	221	226	218	220	164	198	214	229	227	231
Gloves and mittens, leather	109	127	126	124	122	115	100	89	89	96	114	102	109

TABLE II. WAGE-EARNERS — Continued.

NUMBER EMPLOYED ON THE 15TH DAY OF EACH MONTH: BY INDUSTRIES — **1909** — Continued.

Industries.	Average Number of Wage-earners	January	February	March	April	May	June	July	August	September	October	November	December
The State — Continued.													
Glue,	509	621	607	598	562	552	439	353	395	393	466	548	578
Gold and silver, leaf and foil,	152	161	161	161	158	157	152	144	106	147	157	161	163
Gold and silver, reducing and refining, not from the ore,	78	81	80	79	79	77	78	77	77	75	79	77	75
Grease and tallow,	561	551	546	545	550	567	564	569	567	569	566	571	573
Hair work,	14	14	14	15	15	16	16	15	12	12	14	15	15
Hammocks,	20	11	11	19	27	31	31	35	14	14	18	20	11
Hand-knit goods,	6	5	5	4	5	5	5	5	5	6	6	7	8
Hand stamps,	93	95	93	92	92	92	92	91	89	92	93	94	98
Hardware,	1,279	1,229	1,257	1,253	1,269	1,258	1,264	1,231	1,244	1,263	1,300	1,358	1,417
Hardware, saddlery	21	23	21	22	24	22	22	20	20	19	20	20	22
Hat and cap materials,	230	246	242	240	225	220	216	225	225	233	225	227	238
Hats and caps, other than felt, straw, and wool,	274	273	278	274	276	283	278	277	287	266	287	257	250
Hats, felt	2,224	2,091	2,394	2,539	2,172	2,270	2,198	2,144	2,125	2,262	2,268	2,065	2,157
Hats, straw	2,668	3,778	3,869	3,890	3,735	2,795	1,517	1,487	1,902	2,136	2,091	1,905	2,906
Hats, wool	678	477	558	553	546	566	659	749	853	919	899	596	767
Horseshoes, not made in steel works or rolling mills,	117	158	107	107	113	104	111	114	114	112	122	125	122

Hosiery and knit goods,	9,935	9,620	9,672	9,805	9,875	10,023	9,915	9,754	9,747	9,928	10,259	10,392	10,226
House-furnishing goods, not elsewhere specified,	311	244	268	284	286	302	309	305	322	332	361	370	347
Ice, manufactured	55	13	14	34	61	65	69	75	75	73	72	58	50
Ink, writing	147	130	143	147	159	160	153	130	138	149	147	149	154
Instruments, professional and scientific,	373	334	339	354	357	363	330	394	398	400	403	399	407
Iron and steel, steel works and rolling mills,	3,115	2,996	2,958	2,898	2,820	2,866	3,050	3,035	3,065	3,225	3,438	3,479	3,544
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	1,217	1,203	1,190	1,178	1,172	1,173	1,174	1,161	1,183	1,202	1,287	1,335	1,348
Iron and steel forgings,	565	475	490	497	491	522	560	597	586	611	636	665	650
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	1,125	1,129	1,158	1,158	1,152	1,124	1,110	1,102	1,111	1,077	1,103	1,136	1,136
Ivory, shell, and bone work, not including combs and hairpins,	205	201	226	231	183	194	204	206	195	208	220	196	201
Japanning,	11	11	11	11	11	11	11	11	11	11	11	11	11
Jewelry,	7,423	7,861	7,472	7,192	6,794	7,006	6,980	6,844	6,877	7,698	8,059	8,096	8,195
Jewelry and instrument cases,	231	257	244	214	219	207	209	188	192	223	237	279	307
Kaolin and ground earths,	95	83	86	95	94	95	94	98	100	94	100	103	102
Labels and tags,	43	46	41	41	42	40	40	40	43	47	46	46	43
Lamps and reflectors,	484	446	461	468	518	476	441	423	410	431	578	553	599
Lasts,	675	669	694	709	633	650	681	685	666	653	655	697	714
Leather goods, not elsewhere specified,	672	592	624	652	641	643	621	592	648	710	783	796	768
Leather, tanned, curried, and finished,	10,252	10,398	10,364	10,269	9,708	9,839	9,844	9,841	9,760	9,967	10,486	10,998	11,546
Lime,	557	385	443	507	569	586	598	643	621	628	634	586	478

TABLE II. WAGE-EARNERS — Continued.

NUMBER EMPLOYED ON THE 15TH DAY OF EACH MONTH: BY INDUSTRIES — **1909** — Continued.

Industries.	Average Number of Wage-earners	January	February	March	April	May	June	July	August	September	October	November	December
The State — Continued.													
Linen goods,	1,652	1,611	1,617	1,646	1,662	1,664	1,653	1,649	1,619	1,610	1,712	1,685	1,705
Liquors, distilled	49	52	52	52	52	49	42	42	42	46	52	52	52
Liquors, malt	1,739	1,648	1,654	1,692	1,735	1,747	1,784	1,856	1,826	1,772	1,750	1,707	1,702
Lithographing,	1,044	1,035	1,035	1,042	1,014	995	992	1,017	1,040	1,046	1,095	1,095	1,126
Looking-glass and picture frames,	184	193	188	186	181	177	176	167	161	185	194	196	209
Lumber and timber products,	2,341	2,941	3,007	3,010	2,616	2,299	1,990	1,498	1,415	1,768	2,209	2,525	2,818
Lumber, planing-mill products,	3,296	2,984	2,922	3,070	3,172	3,249	3,379	3,409	3,435	3,525	3,515	3,484	3,410
Marble and stone work,	3,575	2,894	2,707	3,262	3,672	3,919	3,602	3,904	3,907	3,980	3,913	3,657	3,480
Mattresses and spring beds,	667	593	575	617	659	697	707	715	688	681	741	682	654
Millinery and lace goods,	1,686	1,762	2,017	2,060	1,953	1,758	1,449	1,318	1,271	1,609	1,590	1,676	1,767
Mineral and soda waters,	525	382	399	446	524	597	681	770	736	591	441	374	359
Mirrors,	110	97	97	104	107	108	108	112	111	110	119	124	126
Models and patterns, not including paper patterns,	342	321	327	331	323	311	368	374	372	327	348	347	355
Monuments and tombstones,	1,440	1,270	1,337	1,432	1,559	1,614	1,529	1,507	1,493	1,503	1,446	1,334	1,260
Mucilage and paste,	71	63	65	67	70	70	71	68	75	72	74	75	78
Musical instruments and materials, not specified,	154	136	141	146	151	155	152	155	157	155	167	170	170
Musical instruments, organs,	240	255	254	213	215	216	220	264	239	245	251	252	261

Musical instruments, pianos,	2,478	2,315	2,317	2,430	2,439	2,483	2,466	2,336	2,370	2,590	2,642	2,659	2,684
Musical instruments, piano and organ materials,	1,527	1,543	1,545	1,564	1,568	1,556	1,516	1,437	1,449	1,492	1,532	1,557	1,567
Needles, pins, and hooks and eyes,	261	247	251	264	267	279	274	248	259	267	258	254	264
Oil, essential	6	5	5	5	5	4	4	2	6	6	6	11	11
Oil, not elsewhere specified,	293	291	292	292	290	290	311	289	288	299	298	291	289
Optical goods,	2,460	2,610	2,632	2,564	2,650	2,584	2,443	2,274	2,257	2,241	2,364	2,483	2,414
Paints,	360	326	340	362	369	371	374	364	358	362	368	366	353
Paper and wood pulp,	12,848	12,614	12,735	12,759	12,673	12,825	12,843	12,611	12,791	12,907	13,080	13,100	13,234
Paper goods, not elsewhere specified,	3,632	3,486	3,407	3,405	3,473	3,517	3,549	3,503	3,586	3,721	3,975	3,976	3,983
Patent medicines and compounds,	810	734	760	773	821	808	766	716	679	797	921	1,025	915
Perfumery and cosmetics,	102	72	75	87	91	89	84	85	88	94	126	164	167
Photographic materials,	32	28	28	30	32	39	40	37	35	32	29	28	30
Photo-engraving,	483	445	476	487	472	482	484	475	482	496	501	494	504
Pickles, preserves, and sauces,	254	216	215	230	233	241	264	273	264	301	294	272	247
Pipes, tobacco	49	46	46	49	50	51	49	48	51	49	50	50	48
Plated ware,	343	314	311	313	319	295	331	346	369	384	398	389	353
Plumbers' supplies,	950	927	915	928	938	928	957	954	964	961	975	974	980
Pocketbooks,	297	247	310	286	304	301	303	218	269	297	324	347	353
Pottery, terra-cotta, and fire-clay products,	465	412	360	468	474	445	492	482	476	475	495	507	491
Printing and publishing, book and job,	7,064	7,155	7,192	7,203	7,164	7,070	7,009	6,813	6,662	6,977	7,090	7,199	7,239
Printing and publishing, music,	102	103	107	107	105	109	99	97	92	93	101	106	106
Printing and publishing, newspapers and periodicals,	6,252	6,369	6,388	6,376	6,308	6,159	6,142	5,942	5,952	6,194	6,313	6,405	6,481
Printing materials,	29	28	28	28	28	28	29	29	29	29	29	29	29

TABLE II. WAGE-EARNERS — Continued.

NUMBER EMPLOYED ON THE 15TH DAY OF EACH MONTH: BY INDUSTRIES — **1909** — Continued.

Industries.	Average Number of Wage-earners	January	February	March	April	May	June	July	August	September	October	November	December
The State — Continued.													
Refrigerators,	129	126	131	134	144	152	159	131	101	92	103	127	142
Regalia and society badges and emblems,	47	45	41	47	48	47	49	51	47	49	49	46	43
Roofing materials,	33	24	26	28	30	32	37	35	33	34	35	37	43
Rubber goods, not elsewhere specified,	3,418	3,069	3,096	3,203	3,277	3,359	3,380	3,330	3,395	3,475	3,629	3,850	3,958
Saddlery and harness,	306	304	293	298	309	315	315	303	301	301	310	309	309
Sausage, not made in slaughtering and meat-packing establishments,	270	260	259	269	256	257	260	264	260	286	288	298	287
Saws,	432	362	368	379	396	404	407	441	452	474	494	491	511
Scales and balances,	15	12	12	12	15	17	15	13	14	18	16	16	16
Screws, machine	348	298	302	325	334	339	347	349	355	367	378	390	391
Sewing machines and attachments,	869	864	865	872	874	869	903	880	887	877	851	840	843
Shipbuilding, wooden, including boat building,	885	817	825	949	1,053	1,063	971	873	771	801	835	847	816
Shirts,	2,079	1,807	1,885	1,993	2,049	2,106	2,152	2,100	2,004	2,117	2,198	2,231	2,305
Shoddy,	442	438	460	460	432	434	446	433	434	422	437	447	459
Show cases,	41	41	43	43	41	36	37	40	40	42	44	43	45
Signs and advertising novelties,	136	127	116	120	130	139	129	131	128	146	151	153	157
Silk and silk goods, including throwsters,	4,109	3,745	3,887	4,060	4,114	4,096	4,138	3,844	4,155	4,274	4,359	4,264	4,370
Silversmithing and silverware,	2,122	1,982	1,993	1,998	2,033	2,012	2,044	1,896	2,102	2,276	2,373	2,407	2,350

Slaughtering and meat packing, wholesale,	2,619	2,827	2,827	2,765	2,634	2,531	2,606	2,650	2,614	2,663	2,459	2,394	2,453
Slaughtering, wholesale, not including meat packing,	436	465	427	408	379	388	382	400	402	402	478	565	541
Smelting and refining, not from the ore,	15	13	13	15	14	14	14	14	15	15	17	16	18
Soap,	458	446	446	450	471	441	430	453	455	456	489	481	477
Soda-water apparatus,	344	280	315	341	374	444	413	315	189	382	371	368	340
Sporting and athletic goods,	891	943	931	958	970	901	879	819	678	844	883	931	957
Springs, steel, car and carriage,	20	20	20	20	20	20	20	20	20	20	20	20	20
Stamped and enameled ware,	570	538	537	534	564	578	584	598	586	592	580	571	575
Starch,	19	19	19	19	19	19	20	19	19	19	19	19	19
Stationery goods, not elsewhere specified,	1,790	1,631	1,665	1,806	1,837	1,799	1,763	1,737	1,773	1,831	1,829	1,893	1,920
Statuary and art goods,	153	151	154	147	149	157	147	152	130	165	157	164	165
Steam fittings and heating apparatus,	2,758	2,578	2,663	2,554	2,596	2,667	2,710	2,745	2,773	2,874	2,998	2,967	2,975
Steam packing,	69	65	65	66	68	72	70	70	69	68	70	71	70
Stencils and brands,	24	24	23	23	24	24	24	23	23	24	23	23	24
Stereotyping and electrotyping,	239	234	236	234	242	238	243	235	239	240	244	243	240
Stoves and furnaces, not including gas and oil stoves,	1,487	1,187	1,411	1,467	1,503	1,522	1,522	1,378	1,518	1,573	1,586	1,595	1,581
Structural ironwork,	1,456	1,320	1,303	1,161	1,199	1,306	1,340	1,463	1,630	1,630	1,701	1,701	1,715
Surgical appliances,	206	186	194	204	211	209	212	206	208	213	212	209	207
Suspenders, garters, and elastic woven goods,	3,696	3,647	3,736	3,768	3,668	3,682	3,588	3,509	3,506	3,711	3,830	3,893	3,812
Tinware,	635	577	551	570	665	674	675	665	711	648	647	653	582
Tobacco, chewing and smoking, and snuff,	23	23	21	23	25	22	22	23	25	22	24	23	24
Tobacco, cigars and cigarettes,	3,528	2,952	3,102	3,199	3,331	3,446	3,536	3,817	3,852	3,884	3,768	3,746	3,709
Tools, not elsewhere specified,	3,784	3,672	3,703	3,727	3,720	3,686	3,713	3,664	3,672	3,786	3,902	4,020	4,148

TABLE II. WAGE-EARNERS — Concluded.

NUMBER EMPLOYED ON THE 15TH DAY OF EACH MONTH: BY INDUSTRIES — **1909** — Concluded.

Industries.	Average Number of Wage-earners	January	February	March	April	May	June	July	August	September	October	November	December
The State — Concluded.													
Toys and games,	1,051	630	702	799	963	1,012	1,092	1,188	1,312	1,326	1,441	1,234	910
Trunks and valises,	435	341	395	432	467	470	469	484	479	442	429	427	389
Type founding,	145	141	151	150	151	144	146	138	128	146	147	149	145
Upholstering materials,	167	181	179	177	167	163	164	153	157	167	158	170	172
Varnishes,	68	69	70	74	73	70	66	64	65	65	65	68	71
Vinegar and cider,	98	60	59	60	60	56	57	67	74	126	232	225	95
Waste,	654	652	655	656	647	651	654	651	642	646	687	658	651
Watch and clock materials,	158	143	146	149	159	159	156	155	156	161	154	178	186
Whips,	1,005	980	974	994	994	1,023	1,027	1,027	1,019	998	1,020	1,000	1,000
Window shades and fixtures,	130	121	119	126	126	138	137	132	125	128	135	141	135
Wire,	3,718	3,802	3,824	3,568	3,400	3,436	3,610	3,554	3,527	3,695	3,841	4,121	4,232
Wirework, including wire rope and cable,	1,578	1,512	1,496	1,554	1,559	1,543	1,519	1,557	1,591	1,612	1,663	1,663	1,670
Wood, turned and carved,	1,371	1,424	1,438	1,479	1,386	1,433	1,430	1,329	1,238	1,235	1,278	1,377	1,405
Wooden goods, not elsewhere specified,	174	166	173	176	184	185	190	168	160	155	173	180	182
Wool scouring,	493	428	435	397	415	436	460	411	503	559	591	610	667
Woolen goods,	15,453	14,184	14,530	15,125	15,142	15,333	15,732	15,839	15,724	15,819	15,881	16,298	15,829
Worsted goods,	37,111	34,419	35,251	36,430	36,705	36,911	37,650	37,669	37,654	38,014	38,461	38,296	37,872
All other industries,	16,075	17,235	16,700	16,712	16,668	16,477	16,255	12,830	15,607	16,416	16,353	15,362	16,293

TABLE III. DAYS IN OPERATION.

A. THE STATE: BY INDUSTRIES.

Industries.	Number of Establishments	Average Number of Days in Operation
THE STATE.	**11,684**	**281.38**
Agricultural implements,	5	271.00
Artificial limbs,	10	272.00
Artificial stone,	35	226.23
Artists' materials,	3	303.67
Automobile bodies and parts,	47	292.72
Automobiles,	15	283.87
Awnings, tents, and sails,	45	295.67
Babbitt metal and solder,	4	279.25
Bags, other than paper,	5	253.40
Baking powders and yeast,	9	262.11
Baskets, and rattan and willow ware,	21	282.33
Belting and hose, leather	16	299.31
Belting and hose, woven	6	296.50
Bicycles, motorcycles, and parts,	10	305.50
Billiard tables and materials,	7	306.14
Blacking,	56	293.14
Bluing,	7	304.86
Bone, carbon, and lamp-black,	3	210.67
Bookbinding and blank-book making,	94	301.68
Boot and shoe cut stock,	176	290.43
Boot and shoe findings,	215	294.49
Boots and shoes,	469	286.26
Boots and shoes, rubber	8	270.00
Boxes, cigar	5	299.00
Boxes, fancy and paper	99	292.30
Boxes, wooden packing	109	281.47
Brass castings and brass finishing,	66	287.70
Brass ware,	12	303.58
Bread and other bakery products,	1,201	297.82
Brick and tile,	52	163.85
Bronze castings,	4	298.50
Brooms,	24	264.33
Brushes,	30	293.37
Butter,	24	288.00
Buttons,	12	297.92
Canning and preserving, fish,	38	267.87
Canning and preserving, fruit and vegetables,	6	94.33
Card cutting and designing,	6	282.17
Carpets and rugs, other than rag,	11	301.18
Carpets, rag	24	282.17
Carriage and wagon materials,	21	280.10
Carriages and sleds, children's	7	286.14
Carriages and wagons,	156	300.03
The State — Con.		
Cars and general shop construction and repairs by steam-railroad companies,	21	309.86
Cars and general shop construction and repairs by street-railroad companies,	46	340.30
Cars, steam railroad, not including operations of railroad companies,	4	248.25
Cash registers and calculating machines,	4	280.00
Chemicals,	24	289.79
Cleansing and polishing preparations,	24	275.25
Clocks,	7	301.14
Cloth sponging and refinishing,	4	305.75
Clothing, men's	228	277.61
Clothing, men's, buttonholes,	3	270.33
Clothing, women's	174	285.14
Coffee and spice, roasting and grinding,	17	275.06
Coffins, burial cases, and undertakers' goods,	12	302.17
Combs and hairpins,	40	279.28
Confectionery,	117	281.50
Cooperage,	51	224.49
Copper, tin, and sheet-iron products,	116	295.46
Cordage and twine,	20	287.10
Cordials and sirups,	7	282.57
Corsets,	10	288.30
Cotton goods,	158	299.50
Cotton small wares,	24	298.46
Cutlery and edge tools,	41	284.51
Dairymen's, poulterers', and apiarists' supplies,	5	293.20
Dentists' materials,	4	301.50
Druggists' preparations,	18	296.22
Dyeing and finishing textiles,	48	286.81
Dyestuffs and extracts,	10	304.50
Electrical machinery, apparatus, and supplies,	83	295.83
Electroplating,	54	278.11
Emery and other abrasive wheels,	13	300.08
Enameling,	11	263.36
Engraving and diesinking,	30	303.90
Engraving, steel and copper plate, including plate printing,	21	304.05
Engraving, wood	4	242.25
Envelopes,	11	301.45
Fancy articles, not elsewhere specified,	31	288.90

TABLE III. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Number of Establishments	Average Number of Days in Operation
The State — Con.		
Felt goods,	10	292.70
Fertilizers,	6	256.00
Files,	7	280.00
Firearms,	6	283.17
Fireworks,	4	256.25
Flavoring extracts,	38	288.92
Flour-mill and gristmill products,	120	262.67
Food preparations,	50	253.08
Foundry and machine-shop products,	734	291.22
Fur goods,	16	273.38
Furnishing goods, men's	14	272.14
Furniture,	142	291.46
Galvanizing,	3	238.33
Gas and electric fixtures,	16	285.75
Gas, illuminating and heating,	64	358.19
Gas machines and gas and water meters,	4	301.25
Glass, cutting, staining, and ornamenting,	33	281.03
Gloves and mittens, leather	8	273.63
Glue,	14	239.93
Gold and silver, leaf and foil,	11	302.45
Gold and silver, reducing and refining, not from the ore,	8	302.00
Grease and tallow,	35	300.00
Hair work,	6	287.33
Hammocks,	5	169.40
Hand-knit goods,	7	261.00
Hand stamps,	19	294.63
Hardware,	29	279.24
Hardware, saddlery	3	305.67
Hat and cap materials,	3	304.00
Hats and caps, other than felt, straw, and wool,	30	279.63
Hats, felt	11	278.27
Hats, straw	18	284.61
Hats, wool	5	304.60
Horseshoes, not made in steel works or rolling mills,	3	291.00
Hosiery and knit goods,	58	280.26
House-furnishing goods, not elsewhere specified,	18	281.83
Ice, manufactured	7	236.43
Ink, writing	5	232.20
Instruments, professional and scientific,	23	283.35
Iron and steel, steel works and rolling mills,	9	304.00
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	10	298.10
The State — Con.		
Iron and steel forgings,	11	294.45
Iron and steel, nails and spikes, cut and wrought, including wire nails not made in steel works or rolling mills,	26	278.12
Ivory, shell, and bone-work, not including combs and hairpins,	7	282.00
Japanning,	5	305.20
Jewelry,	175	288.71
Jewelry and instrument cases,	10	288.00
Kaolin and ground earths,	9	277.56
Labels and tags,	6	264.50
Lamps and reflectors,	9	305.56
Lasts,	27	302.63
Leather goods, not elsewhere specified,	53	298.32
Leather, tanned, curried, and finished,	132	276.19
Lime,	9	309.00
Linen goods,	7	302.00
Liquors, distilled	6	235.00
Liquors, malt	37	297.94
Lithographing,	15	302.47
Looking-glass and picture frames,	32	302.44
Lumber and timber products,	391	162.99
Lumber, planing-mill products,	208	290.33
Marble and stone work,	132	262.97
Mattresses and spring beds,	52	296.58
Millinery and lace goods,	79	283.08
Mineral and soda waters,	145	262.53
Mirrors,	6	303.83
Models and patterns, not including paper patterns,	62	293.02
Monuments and tombstones,	198	282.19
Mucilage and paste,	20	263.15
Musical instruments and materials, not specified,	18	289.78
Musical instruments, organs,	8	268.13
Musical instruments, pianos,	25	288.68
Musical instruments, piano and organ materials,	26	289.00
Needles, pins, and hooks and eyes,	3	280.33
Oil, essential	5	148.00
Oil, not elsewhere specified,	17	273.18
Optical goods,	11	298.73
Paints,	26	290.73

TABLE III. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

Industries.	Number of Establishments	Average Number of Days in Operation
The State — Con.		
Paper and wood pulp,	88	281.06
Paper goods, not elsewhere specified,	49	282.61
Patent medicines and compounds,	119	247.18
Perfumery and cosmetics,	17	269.35
Photographic materials,	4	251.25
Photo-engraving,	24	279.75
Pickles, preserves, and sauces,	26	262.54
Pipes, tobacco	5	301.40
Plated ware,	5	278.80
Plumbers' supplies,	21	300.90
Pocketbooks,	7	289.43
Pottery, terra-cotta, and fire-clay products,	20	266.60
Printing and publishing, book and job,	692	294.59
Printing and publishing, music,	11	282.09
Printing and publishing, newspapers and periodicals,	446	296.08
Printing materials,	7	285.57
Refrigerators,	13	301.92
Regalia and society badges and emblems,	13	293.54
Roofing materials,	4	292.75
Rubber goods, not elsewhere specified,	29	285.00
Saddlery and harness,	37	293.70
Sausage, not made in slaughtering and meat-packing establishments,	49	286.65
Saws,	10	291.30
Scales and balances,	3	305.00
Screws, machine	13	292.15
Sewing machines and attachments,	6	302.33
Shipbuilding, wooden, including boat building,	113	266.94
Shirts,	26	297.62
Shoddy,	27	260.56
Show cases,	8	305.38
Signs and advertising novelties,	14	294.36
Silk and silk goods, including throwsters,	19	299.11
Silversmithing and silverware,	16	296.00
Slaughtering and meat packing, wholesale,	17	293.47
Slaughtering, wholesale, not including meat packing,	28	240.32
The State — Con.		
Smelting and refining, not from the ore,	3	304.00
Soap,	38	272.95
Soda-water apparatus,	5	301.20
Sporting and athletic goods,	18	284.72
Springs, steel, car and carriage,	3	304.33
Stamped and enameled ware,	17	268.59
Starch,	4	307.75
Stationery goods, not elsewhere specified,	21	285.95
Statuary and art goods,	15	306.67
Steam fittings and heating apparatus,	25	280.72
Steam packing,	10	278.50
Stencils and brands,	12	285.58
Stereotyping and electrotyping,	11	305.18
Stoves and furnaces, not including gas and oil stoves,	18	253.78
Structural ironwork,	41	304.32
Surgical appliances,	13	296.31
Suspenders, garters, and elastic woven goods,	40	290.00
Tinware,	17	293.94
Tobacco, chewing and smoking, and snuff,	15	257.87
Tobacco, cigars and cigarettes,	402	267.78
Tools, not elsewhere specified,	94	289.32
Toys and games,	16	272.75
Trunks and valises,	22	289.50
Type founding,	3	305.67
Upholstering materials,	10	247.40
Varnishes,	15	268.40
Vinegar and cider,	60	119.05
Waste,	9	306.00
Watch and clock materials,	5	287.80
Whips,	29	285.31
Window shades and fixtures,	13	275.00
Wire,	10	305.00
Wirework, including wire rope and cable,	31	291.65
Wood, turned and carved,	69	280.35
Wooden goods, not elsewhere specified,	19	296.26
Wool scouring,	8	264.75
Woolen goods,	94	277.54
Worsted goods,	74	291.19
All other industries,	101	283.10

TABLE III. DAYS IN OPERATION — Continued.

B. THE STATE: BY CITIES AND TOWNS.

Cities and Towns.	Number of Establishments	Average Number of Days in Operation
THE STATE.	**11,684**	**281.38**
Abington,	17	302.53
Acton,	16	247.00
Adams,	31	275.13
Agawam,	5	244.60
Amesbury,	74	270.95
Amherst,	21	246.81
Andover,	9	302.89
Arlington,	19	263.16
Ashburnham,	15	255.07
Athol,	40	285.55
Attleborough,	128	295.91
Auburn,	4	276.00
Ayer,	19	265.53
Becket,	11	248.91
Belmont,	4	210.25
Beverly,	63	295.60
Billerica,	9	240.56
Boston,	3,155	291.03
Braintree,	18	263.28
Bridgewater,	17	279.88
Brockton,	196	291.30
Brookline,	16	310.63
Cambridge,	275	291.90
Canton,	15	278.07
Chelmsford,	14	285.79
Chelsea,	110	267.35
Cheshire,	6	308.67
Chester,	13	213.31
Chicopee,	58	263.33
Clinton,	39	284.10
Dalton,	13	245.31
Danvers,	37	256.68
Dedham,	16	294.88
Deerfield,	8	252.75
Dighton,	9	198.11
Douglas,	5	298.80
Dudley,	8	285.38
Easthampton,	26	256.81
Easton,	15	286.13
Erving,	4	229.75
Everett,	62	278.63
Fall River,	288	295.66
Fitchburg,	122	291.15
Foxborough,	16	277.25
Framingham,	27	283.48
Franklin,	25	280.36
Gardner,	52	295.06
Georgetown,	9	246.11
Gloucester,	102	294.19
Grafton,	13	287.92
Great Barrington,	22	280.09
Greenfield,	47	288.23
Groton,	7	269.00
Hanover,	11	210.82
Haverhill,	346	291.70
Hingham,	4	289.00
Holden,	5	217.20
Holyoke,	187	278.47

Cities and Towns.	Number of Establishments	Average Number of Days in Operation
The State — Con.		
Hudson,	28	290.39
Hyde Park,	40	274.45
Kingston,	11	258.64
Lawrence,	162	293.21
Lee,	20	249.70
Leicester,	10	294.80
Leominster,	94	284.93
Lexington,	10	301.60
Lowell,	320	280.00
Lynn,	431	294.50
Malden,	86	288.60
Mansfield,	30	256.90
Marblehead,	36	283.86
Marlborough,	59	272.08
Medford,	40	266.83
Medway,	11	270.91
Melrose,	25	251.28
Merrimac,	15	259.07
Methuen,	19	282.84
Middleborough,	34	273.09
Milford,	53	283.77
Millbury,	24	267.83
Millis,	7	244.43
Milton,	12	295.00
Monson,	15	245.73
Montague,	24	249.42
Natick,	37	295.43
Needham,	18	295.89
New Bedford,	207	291.01
Newburyport,	74	287.35
Newton,	46	294.87
North Adams,	60	253.33
North Andover,	13	259.00
North Attleborough,	71	284.07
North Brookfield,	11	275.36
Northampton,	71	277.23
Northbridge,	15	292.80
Norton,	18	201.89
Norwood,	18	268.11
Orange,	26	241.88
Oxford,	11	269.36
Palmer,	20	284.35
Peabody,	74	273.82
Pepperell,	13	268.23
Pittsfield,	71	274.31
Plainville,	8	262.38
Plymouth,	32	291.31
Quincy,	183	277.27
Randolph,	14	259.93
Reading,	20	281.85
Revere,	14	272.07
Rockland,	22	300.82
Rockport,	18	256.39
Rowley,	13	254.46
Salem,	155	286.25
Saugus,	7	261.86

TABLE III. DAYS IN OPERATION — Concluded.

B. THE STATE: BY CITIES AND TOWNS — Concluded.

Cities and Towns.	Number of Establishments	Average Number of Days in Operation	Cities and Towns.	Number of Establishments	Average Number of Days in Operation
The State — Con.			**The State — Con.**		
Shelburne,	12	238.00	Wareham,	16	269.50
Shirley,	9	223.00	Warren,	13	274.08
Somerville,	114	297.80	Watertown,	25	288.88
South Hadley,	13	264.00	Webster,	23	297.09
Southbridge,	36	272.22	Wellesley,	7	261.00
Spencer,	21	278.29	West Springfield,	15	238.47
Springfield,	346	286.16	Westborough,	19	289.74
Stoneham,	27	293.44	Westfield,	91	290.08
Stoughton,	22	260.36	Westford,	14	216.50
Swampscott,	6	248.83	Westwood,	3	340.00
			Weymouth,	41	282.05
Taunton,	146	275.98	Whitman,	20	289.75
Templeton,	17	257.35	Williamsburg,	15	269.00
Townsend,	11	278.55	Winchendon,	25	290.84
			Winchester,	17	281.71
Uxbridge,	13	287.54	Winthrop,	7	273.00
			Woburn,	59	275.00
Wakefield,	23	283.26	Worcester,	580	287.97
Walpole,	15	238.53	Wrentham,	7	262.14
Waltham,	80	282.53			
Ware,	25	268.72	All other towns,	872	227.66

C. RECAPITULATION: BY COUNTIES.

Counties.	Number of Establishments	Average Number of Days in Operation	Counties.	Number of Establishments	Average Number of Days in Operation
THE STATE.	**11,684**	**281.38**	**The State — Con.**		
			Hampshire,	247	252.99
Barnstable,	60	256.22	Middlesex,	1,610	279.78
Berkshire,	313	251.77	Nantucket,	4	237.25
Bristol,	981	281.72	Norfolk,	546	273.67
Dukes,	12	249.92	Plymouth,	459	271.54
Essex,	1,730	284.67	Suffolk,	3,286	290.16
Franklin,	217	238.61	Worcester,	1,408	283.00
Hampden,	811	275.50			

APPENDIX.

TABLE IV. PERCENTAGE DISTRIBUTION OF PERSONS ENGAGED IN MANUFACTURES IN MASSACHUSETTS.

Industries.	Total Number	Per Cent of Total		
		Proprietors and Officials	Clerks	Wage-Earners (average number)
All Industries.	**644,399**	**3.7**	**5.6**	**90.7**
Automobiles, including bodies and parts,	4,624	3.7	6.8	89.5
Boots and shoes, including cut stock and findings,	90,048	2.6	5.1	92.2
Boots and shoes, rubber	7,451	1.2	5.8	93.0
Bread and other bakery products,	9,755	18.5	12.8	68.7
Carpets and rugs, other than rag,	6,251	0.8	4.0	95.2
Cars and general shop construction and repairs by steam-railroad companies,	5,416	2.0	2.7	95.3
Clothing, men's, including shirts,	8,208	5.2	5.4	89.4
Clothing, women's	6,686	5.0	8.0	86.9
Confectionery,	6,398	3.3	10.0	86.7
Cordage and twine and jute and linen goods,	7,003	1.2	3.2	95.5
Cotton goods, including cotton small wares,	110,686	0.7	0.9	98.4
Cutlery and tools, not elsewhere specified,	7,432	3.6	5.6	90.8
Electrical machinery, apparatus, and supplies,	16,725	3.5	9.8	86.7
Foundry and machine-shop products,	49,393	4.1	6.5	89.4
Furniture and refrigerators,	7,940	4.4	4.0	91.6
Gas, illuminating and heating,	2,800	6.9	11.2	81.9
Hosiery and knit goods,	10,287	1.4	1.9	96.6
Iron and steel, steel works and rolling mills,	3,465	3.2	6.9	89.9
Jewelry,	8,560	5.1	8.2	86.7
Leather, tanned, curried, and finished,	11,006	3.3	3.6	93.1
Liquors, malt	2,091	5.3	11.5	83.2
Lumber and timber products,	10,478	10.4	3.9	85.7
Marble and stone work,	5,712	9.3	2.9	87.8
Musical instruments, pianos and organs and materials,	4,681	3.6	5.7	90.7
Paper and wood pulp,	13,742	2.1	4.4	93.5
Paper goods, not elsewhere specified,	5,710	3.3	6.7	89.9
Patent medicines and compounds and druggists' preparations,	1,805	12.6	21.8	65.5
Printing and publishing,	24,410	8.3	19.8	71.8
Silk and silk goods, including throwsters,	4,308	1.7	2.9	95.4
Slaughtering and meat packing,	3,832	3.7	9.6	86.8
Tobacco manufactures,	4,258	12.1	4.5	83.4
Woolen, worsted, and felt goods and wool hats,	55,533	1.3	1.7	97.0
All other industries,	127,705	5.5	7.6	87.0

TABLE V. CHARACTER OF OWNERSHIP FOR 22 SELECTED INDUSTRIES, WITH COMPARISONS FOR ALL INDUSTRIES, 1904–1909.

Industry and Character of Ownership.	Number of Establishments	Average Number of Wage-Earners	Value of Products	Value Added by Manufacture
All Industries:				
1909,	11,684	584,559	$1,490,529,386	$659,764,443
1904,	10,723	488,399	1,124,092,051	497,681,620
Individual:				
1909,	6,015	55,318	137,804,436	65,831,571
1904,	5,684	55,989	127,500,985	60,174,689
Firm:				
1909,	2,084	58,684	162,323,389	68,901,641
1904,	2,423	77,494	184,869,987	78,087,375
Corporation:				
1909,	3,483	468,301	1,182,935,652	521,101,657
1904,	2,555	354,711	810,543,002	358,944,586
Other:				
1909,	102	2,256	7,465,909	3,929,574
1904,	61	205	1,178,077	474,970
Per cent of total:				
1909,	100.0	100.0	100.0	100.0
1904,	100.0	100.0	100.0	100.0
Individual:				
1909,	51.5	9.5	9.2	10.0
1904,	53.0	11.5	11.3	12.1
Firm:				
1909,	17.8	10.0	10.9	10.4
1904,	22.6	15.9	16.4	15.7
Corporation:				
1909,	29.8	80.1	79.4	79.0
1904,	23.8	72.6	72.1	72.1
Other:				
1909,	0.9	0.4	0.5	0.6
1904,	0.6	–[1]	0.1	0.1
Automobiles, including bodies and parts, 1909,	62	4,138	11,359,224	5,867,746
Individual,	20	370	1,044,768	563,066
Firm,	8	126	346,727	176,869
Corporation,	34	3,642	9,967,729	5,127,811
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	32.3	8.9	9.2	9.6
Firm,	12.9	3.0	3.1	3.0
Corporation,	54.8	88.0	87.8	87.4
Boots and shoes, including cut stock and findings, 1909,	860	83,063	236,342,915	83,352,963
Individual,	399	10,663	30,483,211	11,107,991
Firm,	225	16,956	55,361,516	18,529,205
Corporation,[2]	236	55,444	150,498,188	53,715,767
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	46.4	12.8	12.9	13.3
Firm,	26.2	20.4	23.4	22.2
Corporation,	27.4	66.7	63.7	64.4
Bread and other bakery products, 1909,	1,201	6,697	26,146,044	10,418,611
Individual,	1,000	3,050	12,611,605	5,011,147
Firm,	157	1,215	4,889,692	1,926,334
Corporation,[2]	44	2,432	8,644,747	3,481,130
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	83.3	45.5	48.2	48.1
Firm,	13.1	18.1	18.7	18.5
Corporation,	3.7	36.3	33.1	33.4

[1] Less than one-tenth of one per cent.

[2] Includes the group "Other" to avoid disclosure of individual operations.

TABLE V. CHARACTER OF OWNERSHIP, ETC.—Continued.

Industry and Character of Ownership.	Number of Establishments	Average Number of Wage-Earners	Value of Products	Value Added by Manufacture
Clothing, men's, including shirts, 1909,	254	7,335	$18,313,783	$8,558,132
Individual,	145	2,200	2,970,248	1,645,927
Firm,	74	1,976	6,421,749	3,038,274
Corporation,	35	3,159	8,921,786	3,873,931
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	57.1	30.0	16.2	19.2
Firm,	29.1	26.9	35.1	35.5
Corporation,	13.8	43.1	48.7	45.3
Clothing, women's, 1909,	174	5,813	11,727,980	5,216,648
Individual,	81	1,727	3,756,580	1,629,331
Firm,	54	1,772	3,640,312	1,702,890
Corporation,	39	2,314	4,331,088	1,884,427
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	46.6	29.7	32.0	31.2
Firm,	31.0	30.5	31.0	32.6
Corporation,	22.4	39.8	36.9	36.1
Confectionery, 1909,	117	5,548	15,266,453	6,077,935
Individual,	62	440	1,295,070	575,217
Firm,	16	510	1,013,599	445,160
Corporation,	39	4,598	12,957,784	5,057,558
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	53.0	7.9	8.5	9.5
Firm,	13.7	9.2	6.6	7.3
Corporation,	33.3	82.9	84.9	83.2
Cordage and twine and jute and linen goods, 1909,	31	6,690	16,631,643	5,433,937
Individual,	7	69	171,684	50,606
Firm,	5	201	273,280	136,507
Corporation,	19	6,420	16,186,679	5,246,824
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	22.6	1.0	1.0	0.9
Firm,	16.1	3.0	1.6	2.5
Corporation,	61.3	96.0	97.3	96.6
Cotton goods, including cotton small wares, 1909,	182	108,914	186,462,313	81,305,519
Individual,	12	643	1,181,169	380,666
Firm,	13	1,593	2,321,164	1,012,783
Corporation,	157	106,678	182,959,980	79,912,070
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	6.6	0.6	0.6	0.5
Firm,	7.1	1.5	1.2	1.2
Corporation,	86.3	97.9	98.1	98.3
Cutlery and tools, not elsewhere specified, 1909,	135	6,747	11,610,749	8,126,350
Individual,	56	379	628,895	443,571
Firm,	19	172	506,136	195,933
Corporation,[1]	60	6,196	10,475,718	7,486,846
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	41.5	5.6	5.4	5.5
Firm,	14.1	2.5	4.4	2.4
Corporation,	44.4	91.8	90.2	92.1
Electrical machinery, apparatus, and supplies, 1909,	83	14,507	28,142,889	15,408,069
Individual,	16	203	464,517	245,905
Firm,	8	233	441,672	237,304
Corporation,	59	14,071	27,236,700	14,924,860

[1] Includes the group "Other" to avoid disclosure of individual operations.

TABLE V. CHARACTER OF OWNERSHIP, ETC. — Continued.

Industry and Character of Ownership.	Number of Establishments	Average Number of Wage-Earners	Value of Products	Value Added by Manufacture
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	19.3	1.4	1.6	1.6
Firm,	9.6	1.6	1.6	1.5
Corporation,	71.1	97.0	96.8	96.9
Foundry and machine-shop products, 1909,	857	44,179	$86,925,671	$55,743,781
Individual,	330	3,343	6,885,091	4,263,916
Firm,	135	1,984	4,162,904	2,561,833
Corporation,	392	38,852	75,877,676	48,918,032
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	38.5	7.6	7.9	7.6
Firm,	15.8	4.5	4.8	4.6
Corporation,	45.7	87.9	87.3	87.8
Furniture and refrigerators, 1909,	155	7,277	13,867,548	8,059,640
Individual,	60	811	1,436,221	861,539
Firm,	47	1,352	2,496,716	1,395,058
Corporation,	48	5,114	9,934,611	5,803,043
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	38.7	11.1	10.4	10.7
Firm,	30.3	18.6	18.0	17.3
Corporation,	31.0	70.3	71.6	72.0
Hosiery and knit goods, 1909,	65	9,941	14,736,025	7,764,419
Individual,	20	215	474,926	190,521
Firm,	7	1,001	2,549,024	1,130,605
Corporation,	38	8,725	11,712,075	6,443,293
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	30.8	2.2	3.2	2.5
Firm,	10.8	10.1	17.3	14.6
Corporation,	58.5	87.8	79.5	83.0
Jewelry, 1909,	175	7,423	15,210,738	9,631,413
Individual,	62	1,183	2,372,099	1,461,464
Firm,	53	2,460	5,201,421	3,465,319
Corporation,	60	3,780	7,637,218	4,704,630
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	35.4	15.9	15.6	15.2
Firm,	30.3	33.1	34.2	36.0
Corporation,	34.3	50.9	50.2	48.8
Leather, tanned, curried, and finished, 1909,	132	10,252	40,002,079	11,236,571
Individual,	42	1,039	2,413,413	1,131,280
Firm,	30	1,546	4,571,004	1,651,555
Corporation,	60	7,667	33,017,662	8,453,736
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	31.8	10.1	6.0	10.1
Firm,	22.7	15.1	11.4	14.7
Corporation,	45.5	74.8	82.5	75.2
Lumber and timber products, 1909,	708	8,976	23,025,837	10,541,712
Individual,	444	3,106	6,908,798	3,457,232
Firm,	151	1,749	4,203,016	1,957,907
Corporation,[1]	113	4,121	11,914,023	5,126,573
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	62.7	34.6	30.0	32.8
Firm,	21.3	19.5	18.3	18.6
Corporation,	16.0	45.9	51.7	48.6

[1] Includes the group "Other" to avoid disclosure of individual operations.

TABLE V. CHARACTER OF OWNERSHIP, ETC.—Concluded.

Industry and Character of Ownership.	Number of Establishments	Average Number of Wage-Earners	Value of Products	Value Added by Manufacture
Musical instruments, pianos and organs and materials, 1909,	59	4,245	$9,106,470	$4,957,214
Individual,	17	475	1,080,176	490,200
Firm,	7	206	282,555	165,659
Corporation,	35	3,564	7,743,739	4,301,355
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	28.8	11.2	11.9	9.9
Firm,	11.9	4.9	3.1	3.3
Corporation,	59.3	84.0	85.0	86.8
Paper and wood pulp, 1909,	88	12,848	40,096,713	17,747,100
Individual,	4	786	2,955,881	2,163,091
Firm,	8	710	2,304,008	1,234,008
Corporation,[1]	76	11,352	34,836,824	14,350,001
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	4.5	6.1	7.4	12.2
Firm,	9.1	5.5	5.7	7.0
Corporation,	86.4	88.4	86.9	80.9
Paper goods, not elsewhere specified, 1909,	61	5,135	13,532,976	6,097,069
Individual,	10	79	110,326	76,315
Firm,	6	83	259,185	117,225
Corporation,	45	4,973	13,163,465	5,903,529
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	16.4	1.5	0.8	1.3
Firm,	9.8	1.6	1.9	1.9
Corporation,	73.8	96.8	97.3	96.8
Printing and publishing, 1909,	1,279	17,532	47,445,006	34,564,455
Individual,	739	4,039	7,731,293	5,557,548
Firm,	153	2,386	4,721,255	3,208,982
Corporation,	318	10,877	33,313,993	24,543,900
Other,	69	230	1,678,465	1,254,025
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	57.8	23.0	16.3	16.1
Firm,	12.0	13.6	10.0	9.3
Corporation,	24.9	62.0	70.2	71.0
Other,	5.4	1.3	3.5	3.6
Slaughtering and meat packing, 1909,	94	3,325	44,402,972	5,516,833
Individual,	57	238	1,948,781	492,049
Firm,	14	117	1,904,899	244,628
Corporation,	23	2,970	40,549,312	4,780,156
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	60.6	7.2	4.4	8.9
Firm,	14.9	3.5	4.3	4.4
Corporation,	24.5	89.3	91.3	86.6
Woolen, worsted, and felt goods, and wool hats, 1909,	183	53,873	141,966,882	53,990,551
Individual,	26	2,262	5,822,008	2,001,336
Firm,	27	4,810	11,885,145	4,658,985
Corporation,	130	46,801	124,259,729	47,330,230
Per cent of total,	*100.0*	*100.0*	*100.0*	*100.0*
Individual,	14.2	4.2	4.1	3.7
Firm,	14.8	8.9	8.4	8.6
Corporation,	71.0	86.9	87.5	87.7

[1] Includes the group "Other" to avoid disclosure of individual operations.